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ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976.

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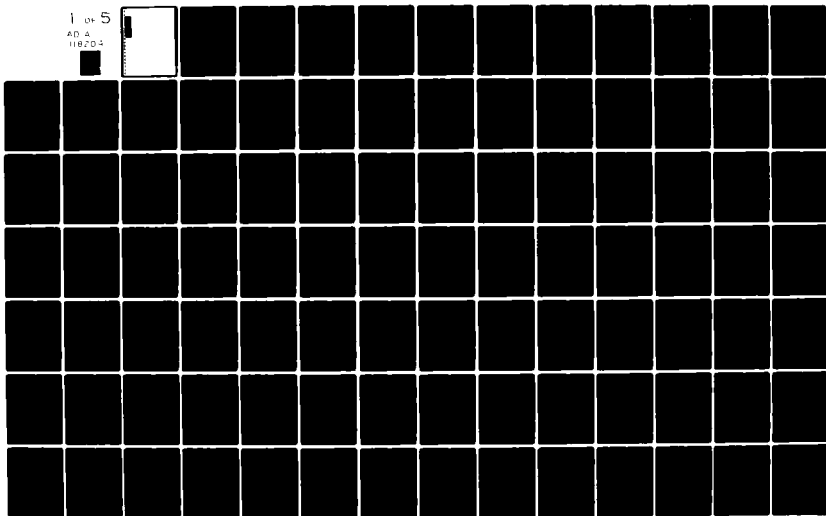
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ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976

PHYSICAL OCEANOGRAPHY DATA REPORT

SALINITY, TEMPERATURE AND DEPTH DATA

CAMP SNOWBIRD

Volume 3

prepared by

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ABSTRACT

A total of 1391 STD (CTD) stations were taken from four manned drifting ice camps in the Arctic Ocean during the Arctic Ice Dynamics Joint Experiment (AIDJEX) from April 1975 to April 1976. Profiles were taken at least once a day from the surface to 750 meters at all camps and weekly casts to 3000 meters were taken at the main camp. Between casts all stations ran time series by holding the sensor at a fixed depth within the pycnocline; however, these data are not discussed. Plessey Model 9040 STD units were used at all camps and data were simultaneously recorded digitally on magnetic tape and graphically on analog charts.

The profile data from the digital tapes were smoothed using a running average. The differing response times of the temperature and salinity sensors were corrected for thermal lag by varying a lag correction until one value gave nearly congruent traces on a T-S diagram for the descending and ascending parts of the cast. A salinity drift which occurred when the sensors were stopped for bottle sampling was also taken into account during data reduction.

Whenever the digital data logging (DDL) system failed to work properly, manually digitized analog traces provided data backup. These profiles, however, are not considered to be as accurate as those processed from tape.

Static calibration of the temperature, salinity, and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose dependent parameters were temperature (T) and depth (D), converted the observed data to final data. Preliminary data analysis has revealed unique features of the temperature and salinity structure in the Beaufort Sea. One of these features is a wintertime upper mixed layer between 25 and 60 m produced by brine convection beneath the freezing ice sheet. This

layer changes from neutral to stable stratification in the summer when fresh water from melting snow and ice flows beneath the ice. Another feature is the step structure in both temperature and salinity at depths between 250 and 400 m. Individual steps are about 3 m in height. In this part of the Arctic Ocean there are mesoscale baroclinic eddies with unique temperature and salinity, as well as velocity signatures. These eddies are mostly found within the range of 50 to 400 meters. Deeper anomalies are observed to a depth of 700 meters, but because of the depth limitation of the STD, little is known about their lower structure.

This report pertains to the STD (CTD) data taken at the manned Camp Snowbird. The STD data associated with the other three manned camps are in separate volumes (Bauer et al, 1980). Profiling current meter (PCM) data to a maximum depth of 200 meters were taken concurrently at the four camps and are separately reported by Manley et al, 1980.

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INTRODUCTION

The organization and aims of the Arctic Ice Dynamics Joint Experiment (AIDJEX), with particular emphasis on the STD program, have been discussed by Amos (1975). The originally planned array of four campsites was successfully maintained on drifting sea ice from April, 1975, until October, 1975, at which time severe ice activity forced abandonment of the main camp at Big Bear, central to the array. Activities continued at the three remaining satellite camps (Blue Fox, Snowbird and Caribou) until completion of the experiment in May, 1976.

Figure 1 shows the beginning and ending positions of the four manned camps with respect to the Alaskan and Canadian coastlines and are superimposed on the dynamic topography of the Beaufort gyre. The more detailed drift tracks, with beginning and ending dates in Julian days, are shown for each camp in Figures 2-5. Appendix 1 gives the conversion from Julian (AIDJEX) days to Gregorian time, which are used extensively in this report.

The physical oceanography schedule called for a minimum of one STD (CTD) cast per day to a depth of 750 m at each site, as well as a weekly cast to 3000 m at the main camp. Between casts, time-series measurements were taken with the sensors held at a fixed depth in the pycnocline. Plessey model 9040 STD systems with model 8400 digital data loggers were used throughout the experiment with one exception. The STD sensor at Caribou was replaced by a CTD sensor (also Plessey model 9040) in January 1976. A breakdown of the stations taken at the manned camps along with the beginning and ending dates of operations are listed in Table 1.

In general, the data reduction procedures have been adopted from methods developed at Lamont-Doherty by A. Amos and D. Georgi. Their methods are oriented to shipboard STD operation and have, by now, become relatively standard. Certain aspects of dynamic and static calibration will be discussed in some detail since they relate more specifically to STD performance in an arctic environment.

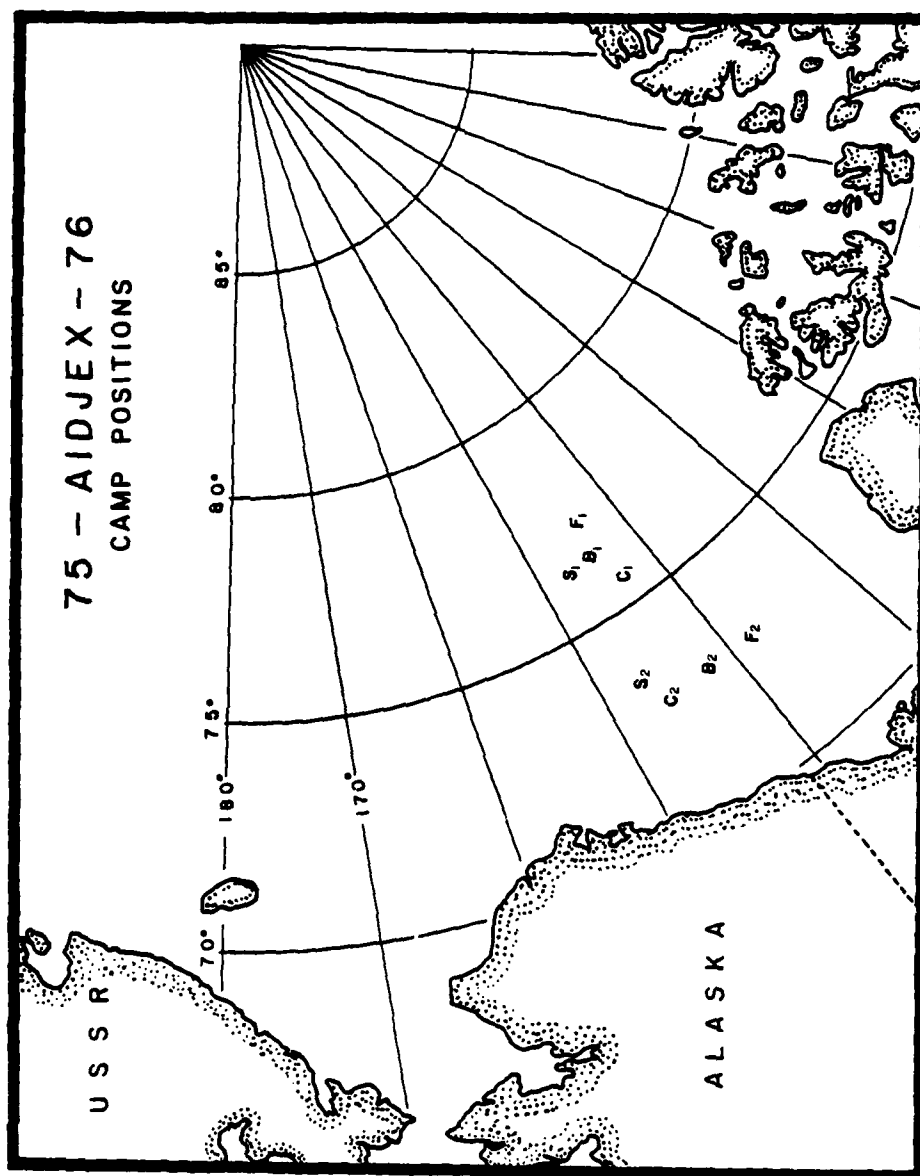


Figure 1 - Beginning and ending positions of the four manned AIDJEX camps Caribou (C), Blue Fox (F), Snowbird (S), and Big Bear (B) superimposed on the dynamic topography (dyn-m) of the Beaufort Sea (Newton, 1973). Subscripts 1 and 2 denote the beginning and ending positions of the camps respectively.

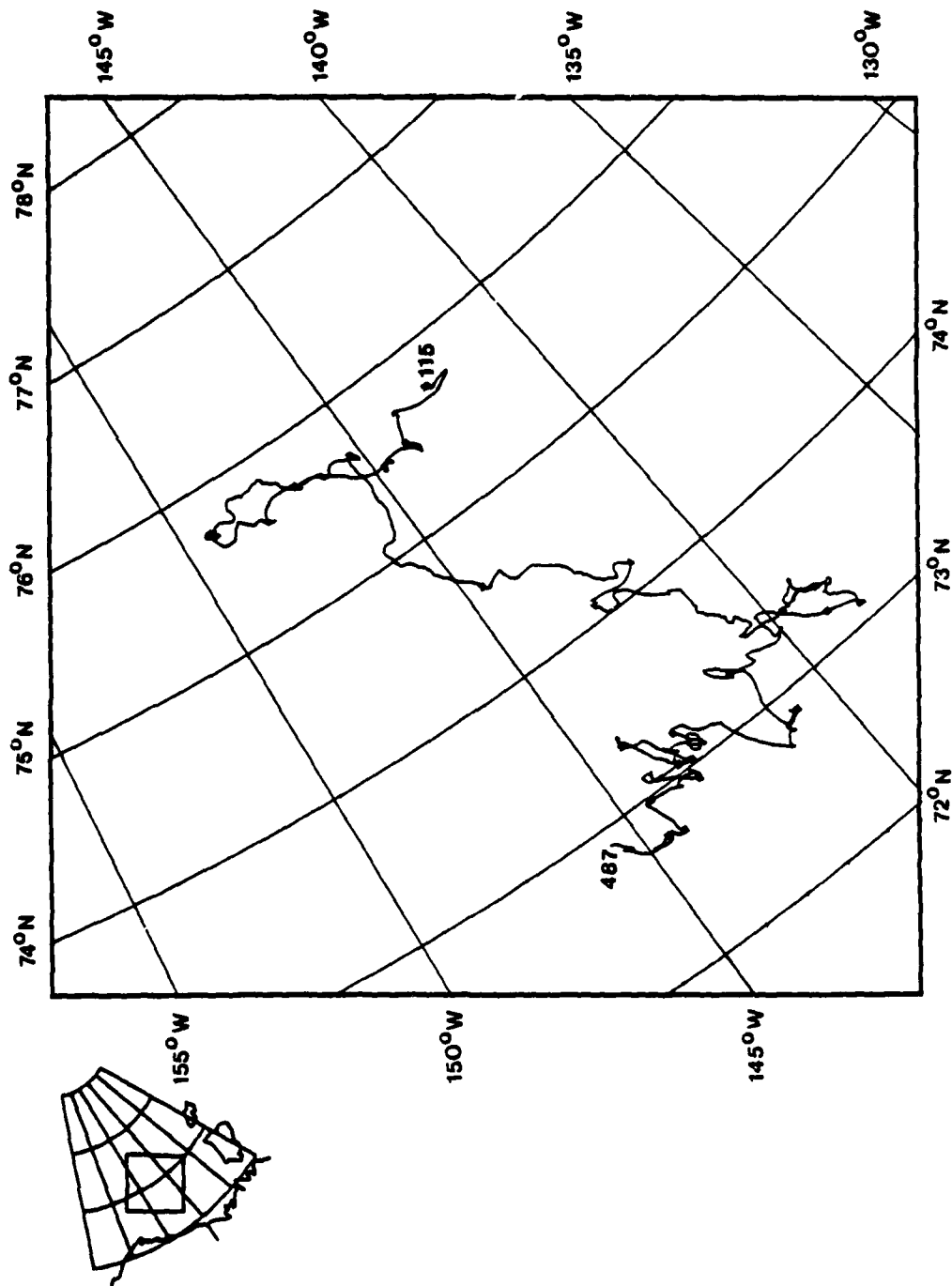


Figure 2 - Detailed drift track of the manned satellite Camp Caribou. In the early fall, Caribou became the main camp after the breakup of Camp Big Bear.

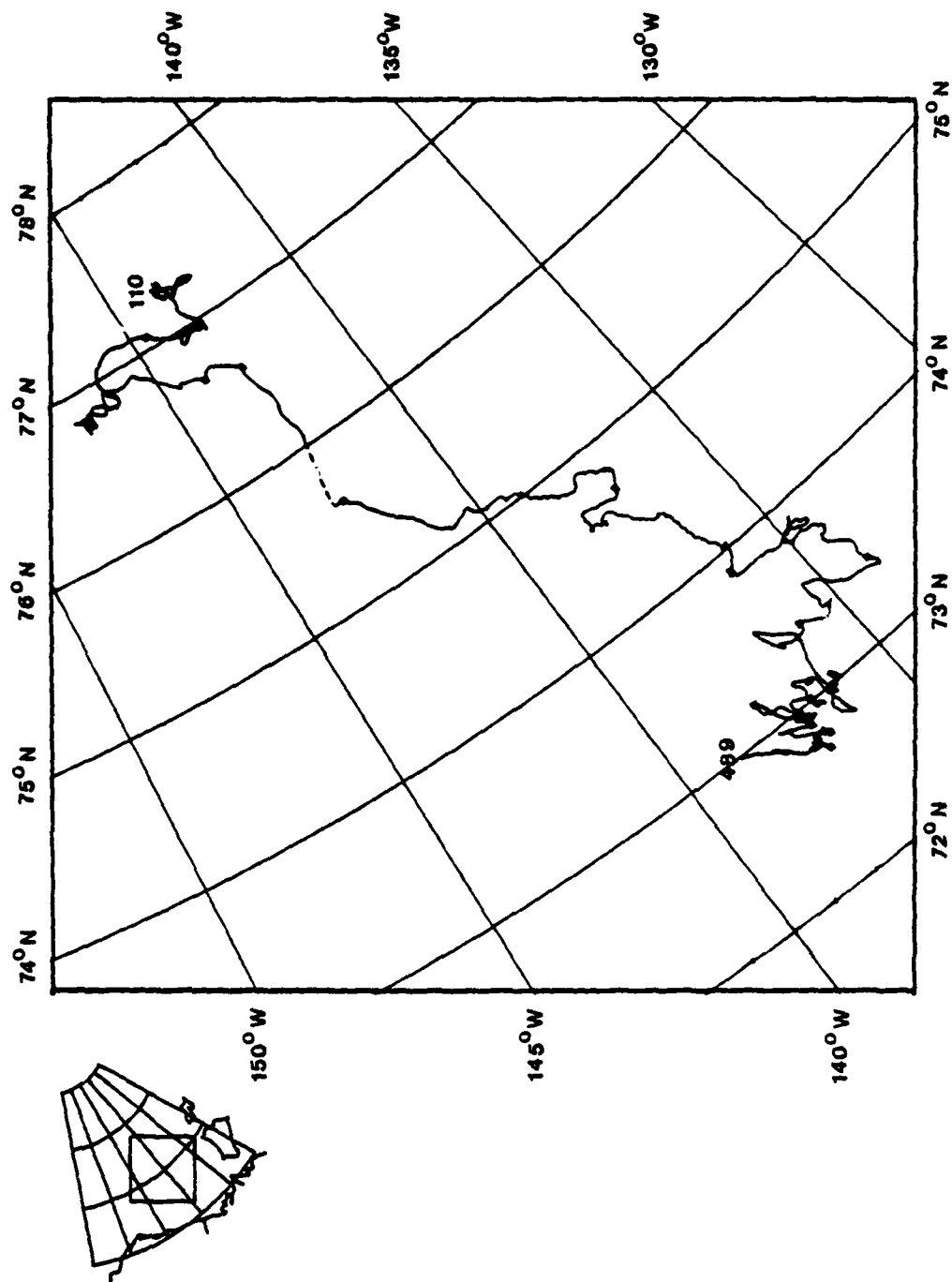


Figure 3 - Detailed drift track of the manned satellite Camp Blue Fox.

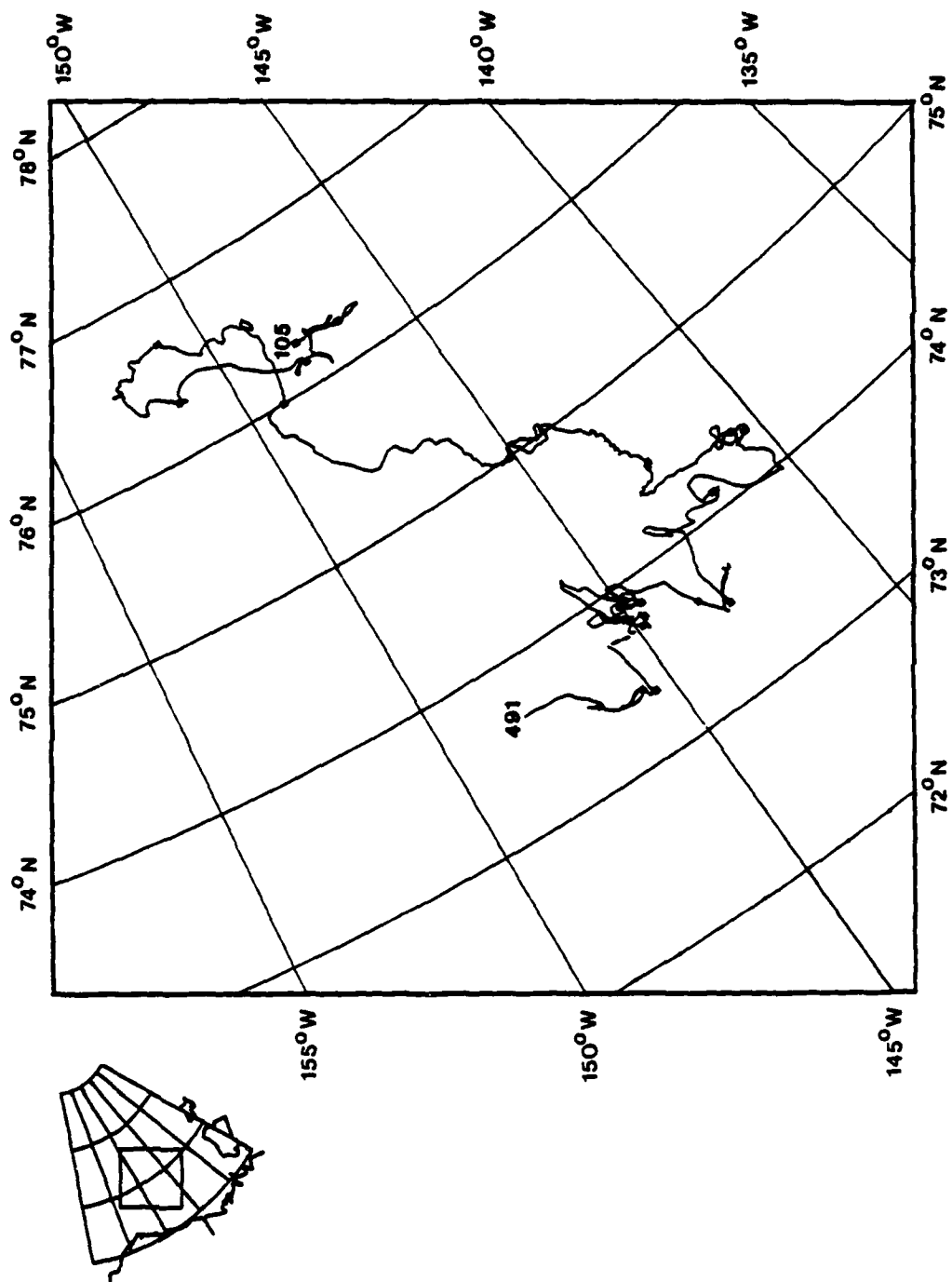


Figure 4 - Detailed drift track of the manned satellite Camp Snowbird.

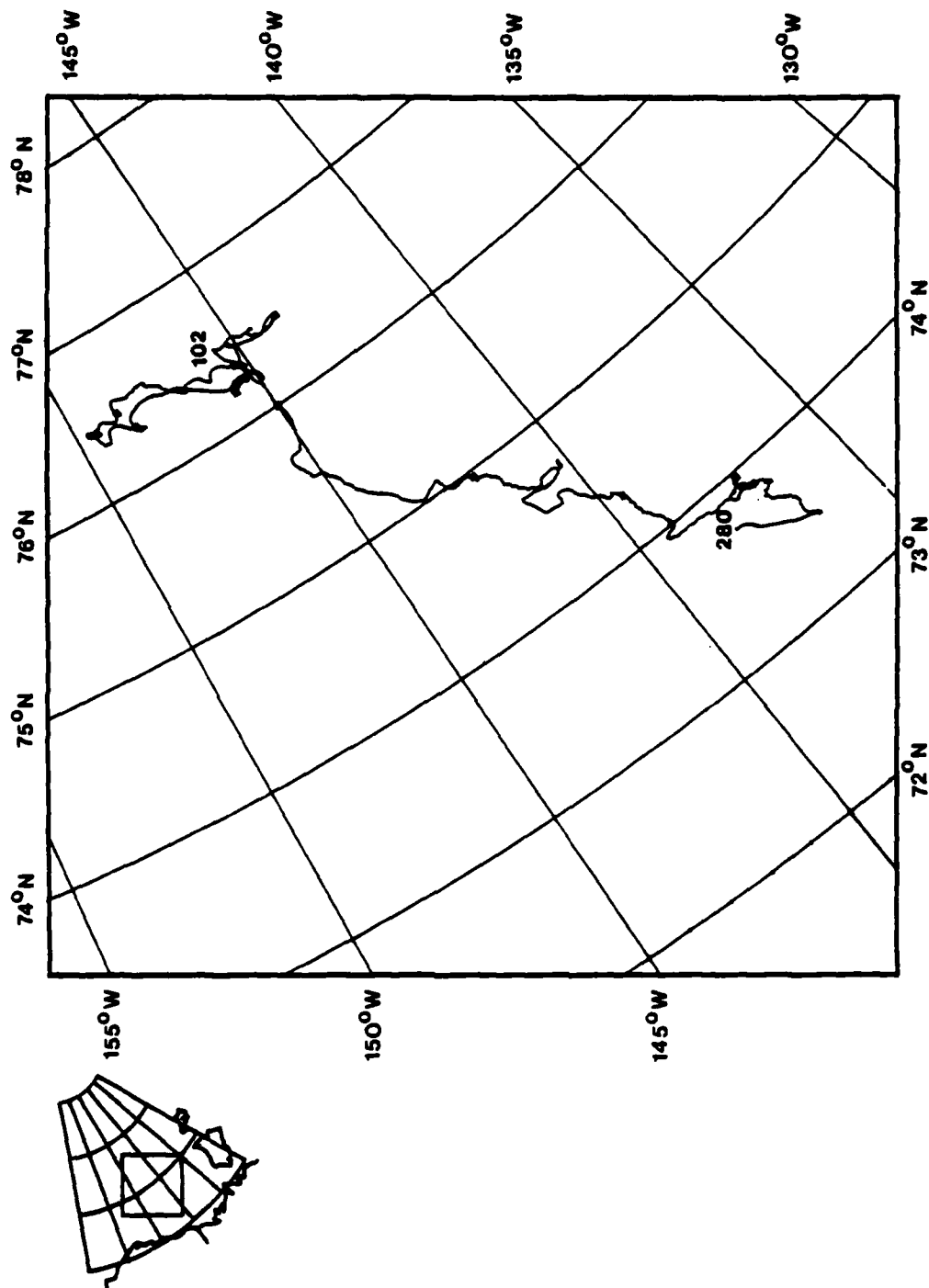


Figure 5 - Detailed drift track of the manned satellite Camp Big Bear. Near day 280, the camp was abandoned due to the breakup of the floe on which it resided.

TABLE 1

Breakdown of STD (CTD) Stations At The Individual Camps

CAMP	OCCUPATION DATE	EVACUATION DATE	TOTAL STATIONS TAKEN	PROFILING STATIONS USED	REJECTED STATIONS	TIME SERIES	DIGITALLY RECORDED STATIONS	MANUALLY DIGITIZED STATIONS
Caribou	6 Apr. 1975 (14 May 1975)	7 May 1976 (25 Apr. 1976)	852	416	30	406	245	171
Blue Fox	5 Apr. 1975 (10 May 1975)	4 May 1976 (20 Apr. 1976)	520	310	10	200	16	294
Snowbird	4 Apr. 1975 (16 May 1975)	6 May 1976 (20 Apr. 1976)	604	299	20	285	145	154
Big Bear	13 Mar. 1975 (4 Apr. 1975)	8 Oct. 1975 (1 Oct. 1975)	562	262	44	256	20	242

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Note: Parenthetical dates are those when STD data collection began and ended.

"Digitally Recorded Stations" indicates profiling data taken from digitally recorded magnetic tape.
 "Digitized Stations" indicates those profiling stations whose analog charts were manually digitized for computer reduction.

BACKGROUND

From the time of Nansen's drift on the FRAM at the end of the 19th century, which marked the beginning of arctic oceanography, until planning for AIDJEX began in 1969, considerable information was collected on oceanographic parameters in the Arctic Ocean. This information was primarily salinity and temperature observations using classical water bottle and reversing thermometer methods at many locations. These data led to the identification of the primary water masses and gave some idea of their spreading throughout the basin (Coachman, 1963; Coachman and Aagaard, 1974).

Following the general classification of Coachman (1963), three distinct water masses are persistent throughout the Arctic Ocean. It is only in the subdivisions of the water masses that differences can be observed between the eastern and western Arctic Ocean. The major water masses and their subdivisions are listed below:

- 1) Surface Water (Arctic Water) - Extends to a depth of 200 meters and is generally low in salinity with temperatures usually less than -1.0 degree C. Below the mixed layer lies a very steep pycnocline which is primarily determined by salinity. Temperatures at these latitudes are at or close to the freezing point and vary only slightly. As a result, density is controlled mainly by salinity. Subdivisions within this Surface Water are:

- a) A mixed layer of relatively low salinity which varies both seasonally and spatially. During the winter months, the mixed layer is well established due to wind and ice stress near the surface but more predominantly due to brine convection during the freezing of open water to form sea ice. Spatial variations in the mixed layer salinity appear to increase monotonically from the coast of Alaska (27 ppt) to Franz-Joseph Land (approximately 33 ppt) neglecting near coastal areas. Temperatures in the

mixed layer are at or very close to the freezing point. During the summer months, fresh water is added to the mixed layer via melting of the upper few feet of the permanent pack ice. Also, the winter mixed layer may be broken up into step-like features due to episodic events of fresh water addition and mixing, or may not exist at all.

b) The Pacific summer water is marked by a shallow temperature maximum confined to a depth range of 50 to 130 m. The maximum temperature varies from 0 to -1.5 degrees C, depending on the location in the western Arctic. The water has its origin from the Bering Sea as it enters through the Bering Straits and is further modified in the Chukchi Sea before being advected into the Arctic Ocean (Coachman and Aagaard, 1974). This water loses its identifying characteristics as it moves out of the Chukchi Sea into the deep Arctic Ocean due to lateral and vertical diffusion of heat and is, therefore, not seen in the eastern Arctic Ocean. During AIDJEX, a decrease of almost 0.5 degrees C was observed in the Pacific T-max layer over the course of the experiment.

c) Winter shelf water that has been advected along isopycnal surfaces and in the eastern Arctic occupies a layer from the base of the mixed layer to the upper reaches of the Atlantic water. In the western Arctic, this layer is directly under the Pacific T-max layer and is a local temperature minimum (approximately -1.5 degrees C) centered at approximately 175 meters.

2) The Atlantic layer extends from a depth of 200 to 900 meters. This water enters the Arctic Ocean via the Greenland-Spitzbergen passage. This layer has temperatures greater than 0 degrees C with a maximum temperature between 300 and 500 meters. In the upper section of this layer, salinity rapidly increases up to a depth of 300 meters where the vertical gradient in

salinity is substantially reduced. Salinity values are close to 35 ppt at a depth of 900 meters irrespective of spatial position.

3) Bottom water, which occupies the remaining water column, is at potential temperatures less than 0 degrees C. The potential temperatures in the Canada and Markarov Basins (-0.5 degrees C) are slightly warmer than the -0.9 degrees C. temperatures observed in the Amundsen and Nansen Basins. This is due to the shallow sill depth of the Lomonosov Ridge which prevents water deeper than approximately 1550 meters in the Eurasian Basin from entering the Amerasian Basin.

Prior to AIDJEX the data taken in different locations were generally not synoptic, but the stability of the density field allowed sections from different years to be combined. This led gradually to a knowledge of mean salinity and temperature fields and the general circulation of the water masses. The steady-state density and velocity fields came to be understood on the basin-wide scale. An important addition to knowledge on these scales was made by Worthington (1953), when he identified the clockwise Beaufort gyre which circulates in the area of the AIDJEX array.

Observations of some smaller scale features and transient phenomena were conducted from Fletcher's Ice Island (T-3) and from Station Alpha during the IGY. A number of intriguing oceanographic features were noted. Surface waves were detected in the ice-water system. These were of long period, 10-15 sec., but only millimeters in amplitude (Hunkins, 1962). Internal wave study with thermistor strings was also begun. Current meters of various types were deployed and there were early hints of the swift transient undercurrents at relatively shallow depths. Frictional effects beneath the ice also were investigated from pack ice near T-3 and a spiral behavior of the current

vector with depth was seen which closely followed the theoretical behavior predicted by Ekman many years earlier (Hunkins, 1966). There had also been detection of intriguing step structures in temperature in the depth range of 100-300 m (Neshyba et al., 1971).

THE OCEANOGRAPHIC FIELD EXPERIMENTS

In order to better determine scales of time and space for the important motions, as well as to test instruments and techniques, several pilot projects preceded the main AIDJEX project. In 1970 and 1971 hydrographic stations and current meter observations were made by participants from the University of Washington. Current meter profiling was conducted by the Lamont group at the 1971 camp. In 1972 a one-month comprehensive pilot project included a main and two satellite camps in a 100 km triangular array from which hydrographic stations were taken (Newton and Coachman, 1973). At the main camp, current profiles to 180 m (Hunkins, 1974 b, c) and continuous salinity and temperature profiles to 1000 m four times a day were taken. A unique oceanographic experiment, possible only on pack ice, was also conducted when Weber and Erdelyi (1976) measured changes in the tilt of the sea ice and fluid ocean with a hydrostatic level.

The 1972 project showed that the experiments planned for 1975-6 were feasible and pointed directions for improvement of instruments and techniques. The data, although only one month in duration, showed interesting and somewhat unexpected features.

The presence of energetic eddies with diameters of 10 to 20 km and speeds of up to 60 cm/sec was one of the most striking of these features (Hunkins, 1974 b; Newton, 1973). The 1972 project also stimulated efforts toward quantitatively assessing the drag of ice on the water. This led to such contributions as a momentum integral technique for direct measurement of this drag and to discussion of the drag produced by pressure ridge keels (Hunkins, 1974 a, 1975 a, b).

The oceanographic program for the main experiment of 1975-6 was designed to insure uniform observations at all four manned camps with supplemental observations at the main camp. Salinity and temperature were monitored with Plessey Model 9040 STD (CTD) systems. The satellite camp STDs were limited to a depth of 750 m by the winch systems and depth sensors. The main camp was limited to 3000 m by the depth sensor. Data were recorded digitally on magnetic tape with Plessey Model 8400 digital data loggers (DDL) and also graphically on charts. Casts were taken twice each day to 750 m at all four camps on a synchronized schedule. A weekly cast to 3000 m was made at the main camp. Between casts the sensors were suspended in the steep density gradient at about 50 m to record a time series of fluctuations.

Profiles of relative current speed and direction were also measured twice each day between the surface and 200 meters at each of the four camps. Times of the stations were designed to correspond as closely as possible to the STD stations taken at the camp. Final absolute velocity data at each of the four manned camps have been published (Manley et al, 1980 a, b, c, d).

In retrospect, the instruments functioned reasonably well and the basic goals of the project plan were accomplished. The Plessey STD (CTD)s were a model which our laboratory had used previously and we were prepared for difficulties which might be encountered. However, the Plessey Model 8400 digital data loggers were new models and we experienced various problems with them. This resulted in some salinity and temperature data being recorded only on paper charts which were later manually digitized.

During each cast, reversing thermometers and Nansen, as well as Niskin, bottles were used to collect water samples. Generally, two bottle samples were taken from the satellite camps during each station. The main camp,

however, had a rosette command sampler and took as many as ten bottles per station; the average being four.

To provide adequate calibration for the sensors, bottles and thermometers were rotated to different depths at each new station. The depths used for calibration purposes at all the camps were 5 meters (mixed layer), 250, 400 and 750 meters. A 3000 meter calibration point was used only at the main camp.

Water samples were stored in tightly sealed 450 ml glass bottles. Roughly every two weeks, the samples were flown from the satellite camps to the main camp where salinity values were determined. A Guildline Autosol laboratory salinometer was the principle instrument for measuring the salinity of samples taken with water bottles. It developed trouble in Spring 1975 and was not useable over the summer. A Hytech salinometer provided backup during this period.

DATA PROCESSING

Dynamic Calibration

Figure 6 shows the flow of the STD data processing stages. Initial screening of the raw data to remove spikes and discontinuities was done by computer so as to keep the data in a time series to correct for temperature lag. Bad data were either replaced by interpolated data or, if extensive, the time series was terminated and restarted when good data were again available. Thus, some gaps appear. Smoothing was done by applying a 3-point running mean to the temperature and salinity data and 7-point running mean to the depth data. The larger depth window was chosen because of the relation between digital resolution of the depth channel (0.3 m) and the slowest lowering rate.

In general, the dynamic response characteristics of an STD sensor depend primarily on the time constant of the temperature compensation probe since that of the conductivity cell is negligible by comparison. In practice, however, although the probe constant for Model 9040 STD is quoted as 0.35 sec. by the manufacturer, analysis of output data by different investigators using different methods has yielded estimates ranging from about 0.2 to 3.0 sec. (Scarlet, 1975; Goulet and Culverhouse, 1972). Apparently a certain variability can also result when the same method is applied to different sensors or to the same sensor under different conditions. Therefore, the AIDJEX data set, which comprises output from a number of STD sensors over an extended period of time, required careful analysis.

The bias associated with the dynamic response of individual sensors is, in fact, detectable, and a method which aims at compensation has been incorporated in the data reduction procedure. The screened, smoothed raw data are retained as an evenly spaced time-series in depth, salinity and

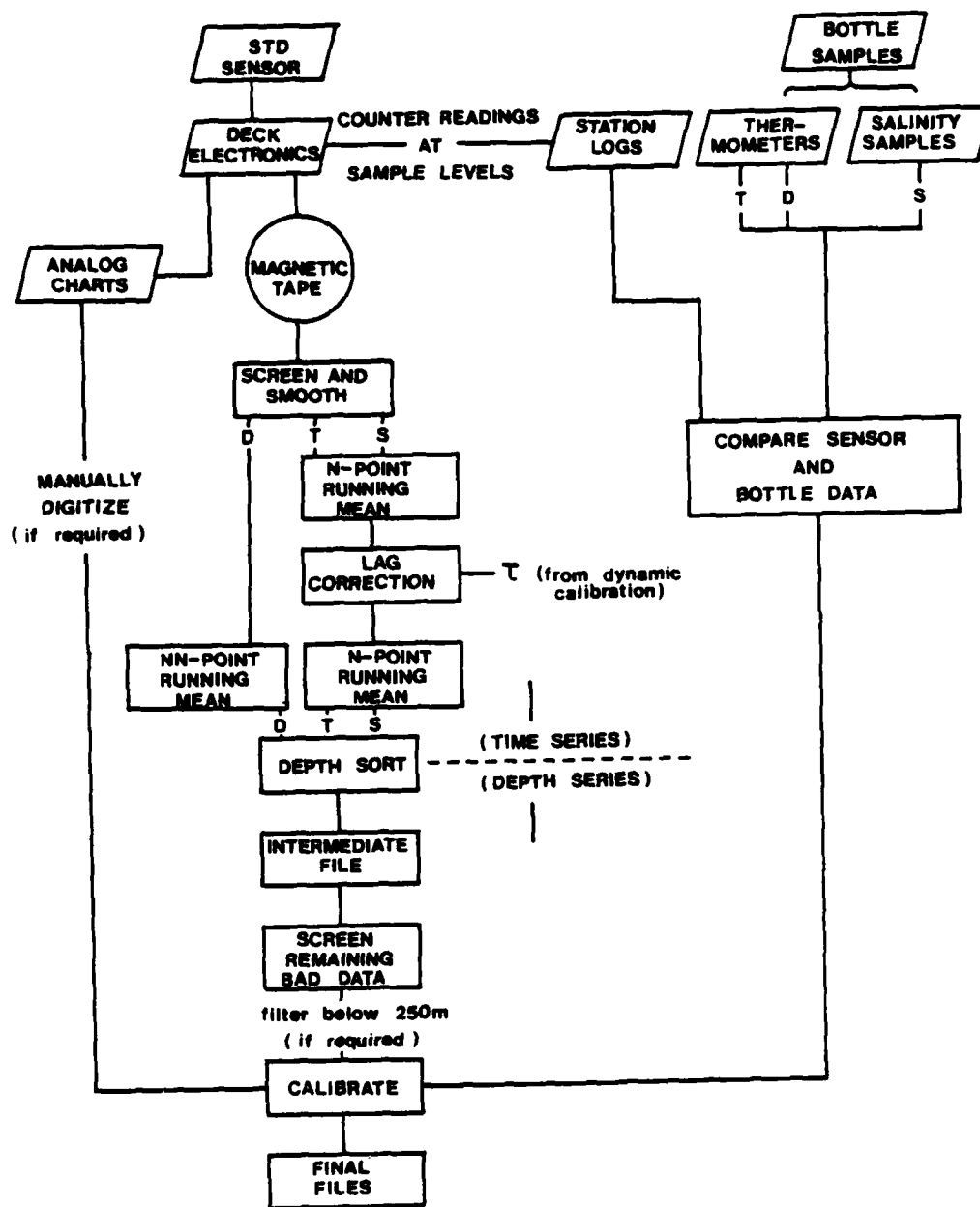


Figure 6 - STD Calibration Flow Diagram

temperature (D, S, and T) so that the time-rate-of-change of sensed temperatures ($\partial T/\partial t$) can be computed.

A correction for the time response lag of the temperature sensors is then applied to parameters T and S before the series is sorted for increasing depth. The correction is based on the assumption suggested by Scarlet (1975) that response is exponential with a time constant, τ , such that

$$T' = T + \tau \frac{\partial T}{\partial t} \quad (1)$$

$$S' = S + \frac{\partial S}{\partial T} \times \tau \frac{\partial T}{\partial t} \quad (2)$$

where T, S and T', S' are the sensed and corrected parameters, respectively. The $\partial S/\partial T$ term is assumed to be a constant, -1, since, for the temperature and salinity range of interest here, this assumption produces less error than the uncertainties in the other terms. The major source of error is in the computing of $\partial T/\partial t$. DDL resolution in temperature is $\pm .003^\circ\text{C}$ but this may be degraded somewhat by noise. However, careful consideration of the sample rate and the range for smoothing and computing the temperature slope can give a workable computer approximation of equations 1 and 2. Once the correction model is established, we can return to the data for an estimate of what τ should be.

A typical STD profile of the arctic water column is shown in figure 7. The trace is relatively free of the "spiking" normally associated with accelerations of ship's motion and rapid drop rates of a ship-launched cast. The sharp changes of the temperature gradient which trigger such spikes are

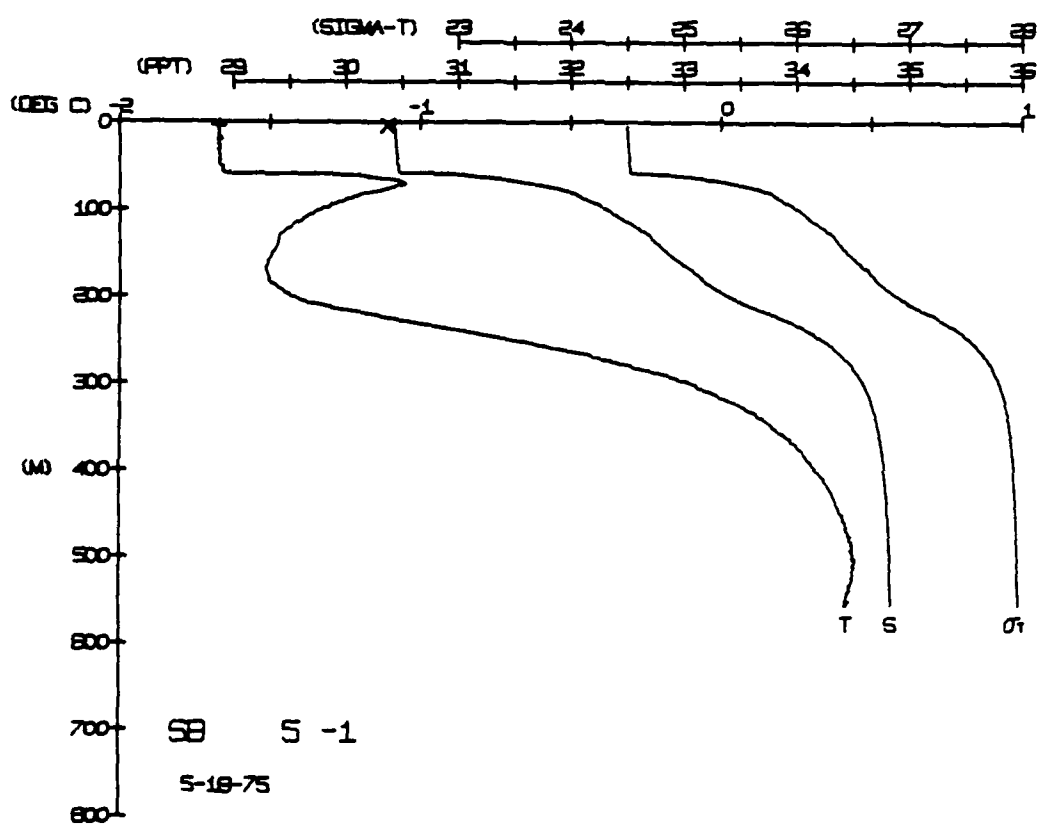


Figure 7 - Normal STD- σ_t profile of Beaufort Sea.

absent in the Arctic Ocean with the exception of one notable feature: the temperature interface at the base of the mixed layer. Rather than a spike, what is produced here is an apparent offset, primarily in salinity, which is related to the response lag of the temperature sensors and which is sustained below the interface until the temperature gradient subsides. Dantzler (1974) in particular has pointed out the importance of this kind of systematic error.

We have focused our attention on the mixed-layer interface since it is the only feature generally present in the Arctic Ocean which is sufficiently large in temperature scale to afford some appraisal of sensor dynamic response. The interface, since it is remarkably well-defined and relatively stable over an extended period of time, lends itself to repeated sampling. When the mixed layer is well-established, a typical raw data printout will show the onset of the interface as two distinct events, one in salinity and then one in temperature lagging one or more scan intervals behind. (Scan intervals were generally 0.5 sec; occasionally 0.1 or 1.0 sec.) Although judgement was restricted to scan-interval resolution by this approach, a preliminary survey of data from the four station sites did indicate apparent sensor-dependent differences in response lag time. To investigate further, downtrace and uptrace T-S diagrams of the same profile were compared for a number of stations. Typical results are shown in figure 8. The uptrace (dotted) is always offset toward lower salinity along the mixed layer interface. According to equation 2, this is expected since the sensor sees the temperature change ($\partial T / \partial t$) as positive on the downtrace and negative on the uptrace. When the correction model is applied to this data, the time constant τ can be adjusted so as to minimize the offset between the traces.

This approach is readily implemented as a calibration procedure using a CRT computer terminal to monitor T-S diagrams. The time constant for the

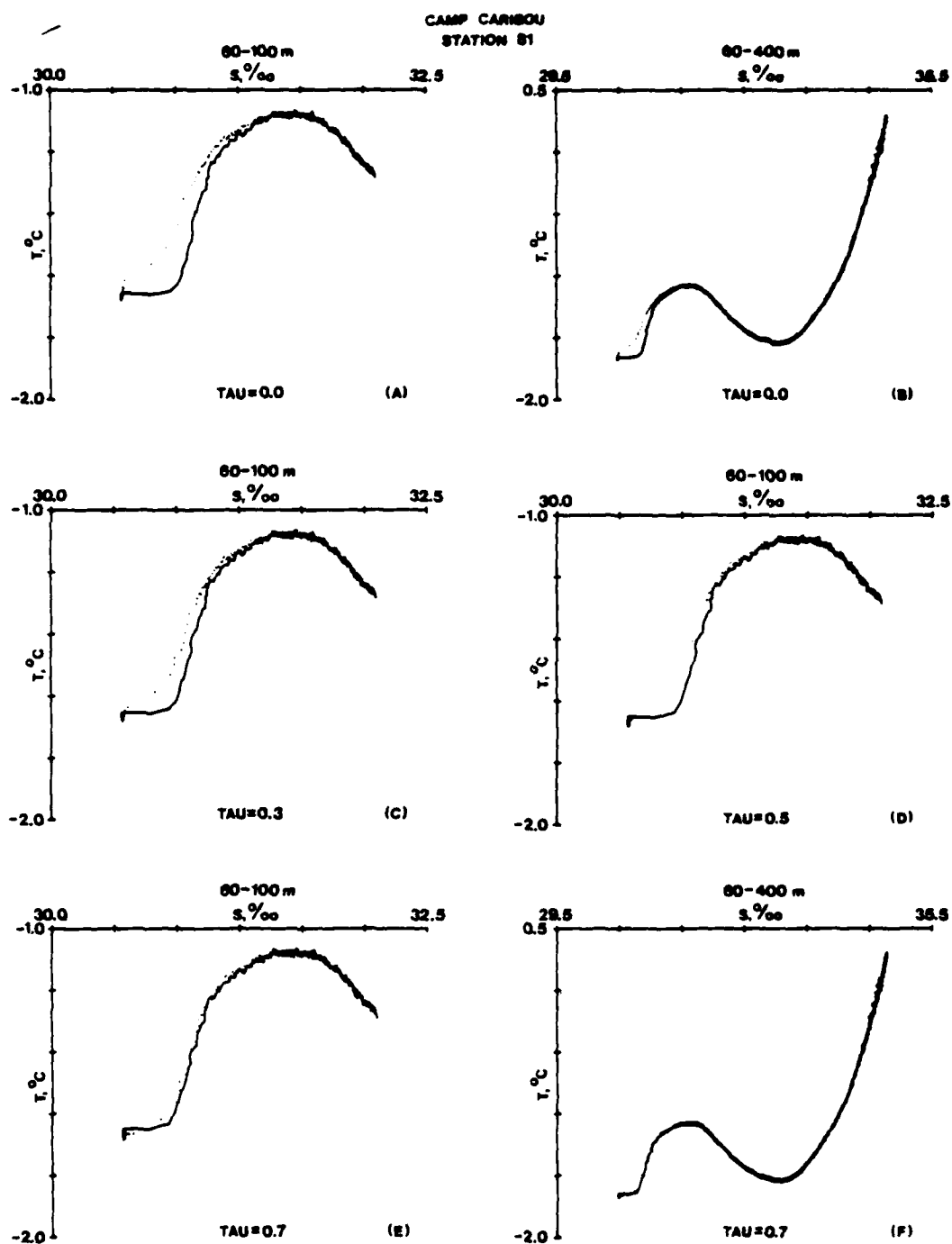


Figure 8 - T-S Diagrams showing the effect of varying the time constant for dynamic calibration

correction model is adjusted at selected station intervals in the data set to compensate for observed trends in sensor response. Results for a number of sensors are summarized in Table 2. The reason for the unusually slow response of the sensor at Big Bear is unknown, however, and a nominal value of 2.0 sec. is used.

The extent to which the values in Table 2 can be interpreted as valid indices of sensor dynamic response depends, of course, on certain assumptions. The interface feature is regarded as unchanged over the lapse of time (generally 1 to 1 1/2 hours) between downtrace and uptrace of any given station. Station records do, in fact, indicate that changes at the interface are slow, particularly from January to early June. Moreover, short-term changes would cause erratic adjustment of τ , and this is not observed; the trend for any one sensor tends to be slow. The assumption that response lag in temperature is the dominant cause of offset between downtrace and uptrace also ignores other kinds of hysteresis and the effect of mixing by movement of the instrument package through the interface. In the case of mixing it might be proposed that the maximum effect occurs on the uptrace when the instrument wake precedes the sensors, entraining saltier water at the interface. The observed offset is toward lower salinity, however, and argues against the significance of this process. It should also be noted that calibration may require some subjective interpolation between stations which fall within the summertime breakup of the mixed layer when the step-like definition of the interface is periodically absent or less well-defined. In general, the results imply that there is a seasonal disparity of response characteristics among the different sensors, and that the response of an individual sensor may vary over an extended period of operation.

Once the determination of τ was completed, uptraces were eliminated from the data set unless no downtrace was available. This was done to remove any mixing effects produced by the wake of the sensor package as it is pulled upward through the water column and which might be registered by the sensors which are attached at the base.

As can be seen from equations (1) and (2), temperature and salinity lag corrections no longer become necessary as the temperature gradient becomes very small and varies smoothly with depth. Below 400 meters in the Beaufort Sea, temperature lag corrections rarely attain a magnitude of 0.004°C , and in the vast majority of cases it is less than 0.002°C which is less than the resolution of the DDL temperature and salinity data. As a result, no temperature and salinity lag corrections were made below 400 meters. It should be stressed, however, in other parts of the Arctic Ocean this step might not be applicable because of the dynamic structure of the temperature gradient above 1000 meters.

The time lag corrections were then applied to the smoothed temperature and salinity (conductivity) data, and the data then sorted according to increasing depth.

TABLE 2

Time Constant Ranges for Dynamic Calibration Periods

Division into periods based on change of sensor, change of sensor components, or unexplained shift in observed response. Change of time constant is approximately linear between limits of each range. Unless noted - time constants are for STD sensors only. Station data that are missing (i.e., Big Bear: 1-49, 87-562) indicate manual digitization of the analog charts and therefore do not require a time constant, τ .

<u>Camp</u>	<u>Calibration Period (Station Nos.)</u>	<u>Time Constant Range (Sec.)</u>
Big Bear	49 - 86	2.0
Snowbird	1 - 248	1.0 - 0.7
	249 - 299	0.7 - 0.5
	300 - 362	0.7 - 0.8
	530 - 604	0.8 - 1.0
Caribou	1 - 82	0.5 - 0.7
	83 - 222	0.7 - 0.5
	223 - 309	0.5 - 0.4
	310 - 558	0.5
	559 - 852 (CTD)	0.5
Blue Fox	1 - 20	0.5 - 0.8
	21 - 60	0.8 - 1.0
	61 - 97	1.0

Manual Digitization

During field collection, the data of each cast were also simultaneously recorded on analog chart recorders. Whenever the DDL system failed to function properly for any given number of casts, the corresponding analog charts for these casts were manually digitized to provide the missing temperature and salinity (conductivity) data. On the average for all casts, manually digitized profiles comprised 67 per cent of the final data.

Resolution of the digitizer is .001 inches, but was limited to .01 inches by choice since it was felt that this still provided adequate resolution for the determination of temperature, salinity (conductivity) and depth. The accuracy of this process, however, is limited. Because units of temperature, salinity and depth are dependent upon their place within the chart system (even to the width of the ink line) the failings of the human hand and the subjective judgements made tend to enhance any errors in proportion to the analog scale.

The accuracy of this data will be discussed in a later section.

STD Static Calibration Procedures

Bottle data consisting of protected and unprotected thermometer readings, and salinity determinations from the water samples taken at preselected depths of 5, 250, 500, 750 and 3000 meters provided the bulk of the data necessary for the calibration of the salinity, temperature and depth sensors. Recorded information pertaining to the output of the three sensors taken from the deck unit readout at the instant that the instrument was stopped provided the remaining data required for the calibration procedure. The information mentioned above was punched onto computer cards along with their appropriate station identification parameters and stored on the computer. Delta values between the recorded values and the bottle data at the depth levels of 5, 250, 400, 750 and 3000 m were then calculated and stored on file along with the original input data.

Preliminary quality control checks were done on the calibration data after it had been stored on file. These checks consisted of looking for delta values of salinity, temperature and depth outside a given tolerance range for each parameter. When data of this type were found, it became necessary to evaluate the validity of the values on the basis of technical logs and other possible sources of errors, such as incorrectly punched input. In the majority of cases, an explanation for excessive delta values was found and the data were repunched and again submitted to the data set. Of the 5 per cent of the calibration data set that required this special editing, less than 40 per cent of the data points were rejected because of technical problems.

In each camp calibration data set, sudden shifts in the delta values for any or all of the sensors would occur, thereby breaking the data set into time segments. These breaks in the data would sometimes agree with the technical log notes indicating some adjustment of the conductivity cell or temperature

probe or even when the entire instrument package was replaced. Occasionally, however, there would be unaccounted shifts in a sensor, that never-the-less created a natural break in the calibration data. Each parameter of salinity, temperature and depth was observed separately for these offsets in the data, since the sensors operate separately from each other and may alter at any given time. Generally, however, breaks in the data occurred for all sensors at the same time. The resulting time segments also followed, for the most part, the calibration periods indicated in Table 2.

Within a calibration segment of a particular sensor at a given depth level, it was necessary to consider the possibility of a time dependency on the delta values. Because of the cyclic nature of taking bottle data at the satellite camps (since they only had 2 bottles and 4 levels to maintain), data were rarely dense enough to justify a time dependency versus a constant offset based on least squares best fit and corresponding standard deviations correction. Only in a few rare cases were the delta values fit to a linear time drift.

Depth dependency of the various sensors within every calibration period was also calculated using least squares best fit polynomials. Their associated standard deviations and plots of the polynomial against the delta values were the criteria used to determine the polynomial of least degree that would best fit the data. In practice, the temperature sensor was never depth dependent and this agrees with previous work done with the Plessey STD and CTD.

Depth and salinity, however, were always depth dependent. Depth was normally quadratic in dependency while salinity was generally cubic. There

were special cases for the depth and salinity sensors, where depending on the number of points present, linear to cubic fits were considered the best choice.

At the end of the calibration procedure for an entire campaign there would be 3 delta functions for every point in time that would convert intermediate STD values to final calibrated data, as shown by equation 3.

$$S_f = S_i = P_{sn}(d,t) \quad (3)$$

where s = sensor (temperature, salinity or depth)
 f = final data
 i = intermediate data of temperature and salinity logged from digital data or digitized data
 $P_{sn}(d,t)$ = calibration polynomial for sensors and correct calibration segment n; (d,t) implies possible depth and time dependency

Using the polynomial equations for temperature salinity and depth, it was then possible to provide final calibrated STD data using either the intermediate data obtained from digital tape or manual digitization.

It is important to stress that during the entire calibration procedure, uncorrected depths were used as the basis for determining the delta values for temperature, salinity and depth.

CTD Calibration Procedures

Due to the differing natures of the STD and CTD, calibration procedures vary considerably. Mechanically the systems are similar. Each consists of a conductivity cell, temperature and depth sensors. The difference lies in the sensor output and the electronics controlling it.

In the case of the CTD, all three sensors measure values independently and are recorded as such. Salinity, however, is a complex function of conductivity, temperature and pressure (depth). Therefore, a value for salinity must come from the instrumentation of the STD itself. In the Plessey systems, this is accomplished by the use of two sets of temperature and depth sensors; one set providing only temperature and depth values to the surface deck unit, the other set providing data internally and which will be processed with conductivity to produce salinity. It is because of this second set of sensors that the complex equation for salinity, which is non-linear with respect to temperature, contains the lag corrections of equations (1) and (2). (It is assumed in data reduction that the two sets of sensors function identically. The validity for this is borne out in practice and previous experience with Plessey STDs). On the other hand, the conductivity cell of the CTD, being independent, has a rapid response time of 0.01 sec. (Plessey operations manual) and so a lag correction similar to equation 2 is unnecessary.

The CTD was used at Camp Caribou from stations 559 to 852 inclusive. However, the evaluation of the time lag constant, τ , proved to be difficult. Unfortunately, the field operator consistently chose to stop the CTD at the base of the uptrace. Only a few stations in the CTD data set allowed some estimate of the τ constant to be made at a value of 0.5 sec.

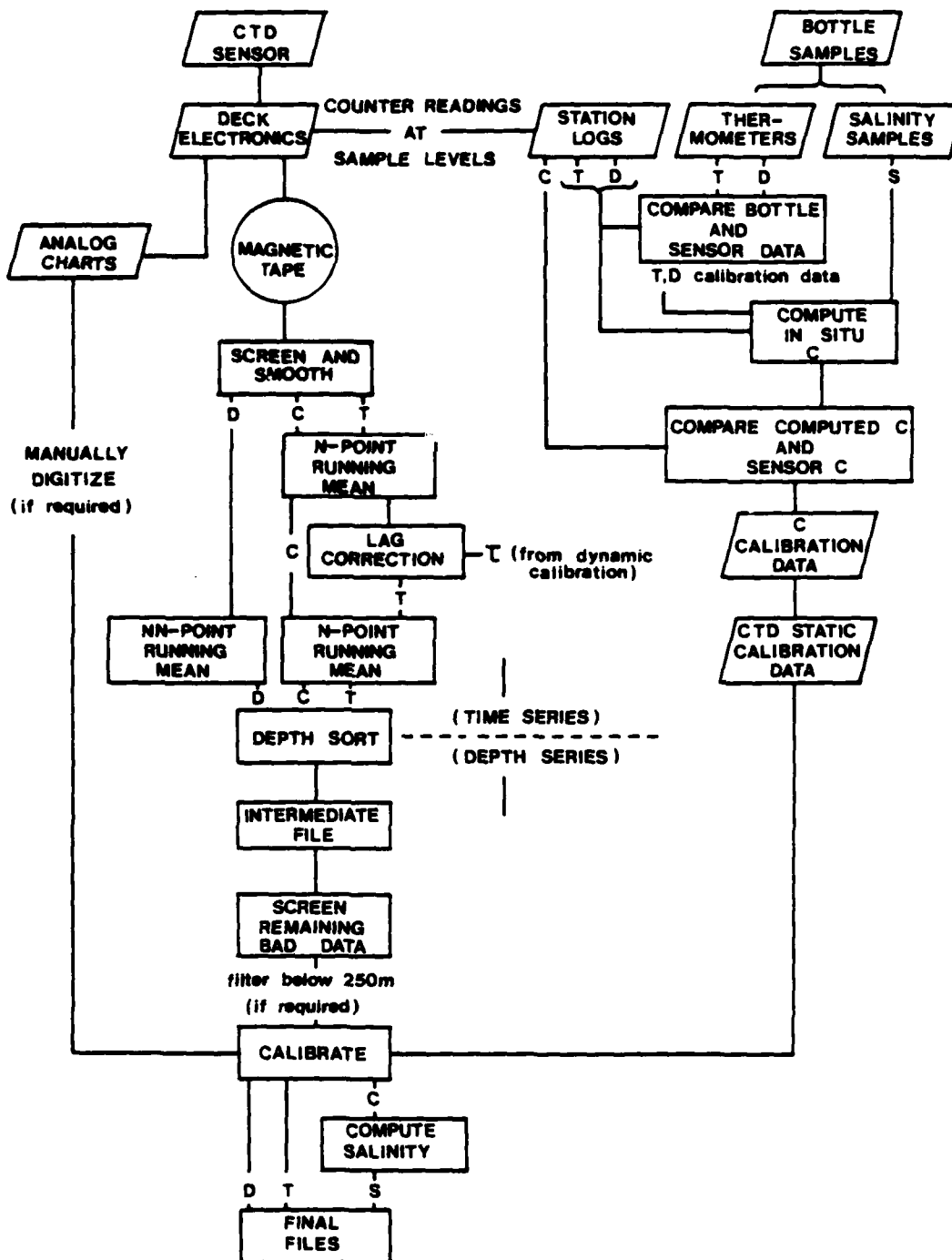


Figure 9 - CTD Calibration Flow Diagram.

Figure 9 is the flow diagram for the CTD data reduction processes. Once the CTD data set had the temperature lag correction applied and had subsequently been sorted for increasing depth, corrections to the data on the basis of bottle information were required before final calibration could be completed.

Temperature and depth calibration does not differ from that described in the STD Calibration Procedures; however, the final correction equations had to be supplied before the conductivity sensor could be calibrated.

The problem of conductivity calibration is two-fold; 1) to convert bottle data salinities obtained from the salinometer to in situ conductivities, and 2) to insure continuity between Plessey and salinometer conductivities before comparison.

To convert salinometer derived salinities to conductivities at the correct temperature and pressure observed by the sensor, the selection of a transfer equation as shown by equation 4 was necessary:

$$c = f(s, t, p(z)) \quad (4)$$

where c = conductivity
 s = precise measurement of salinity (salinometers)
 t = actual temperature of water at depth z
 p = pressure at depth of observation, z

All AIDJEX salinity data are ultimately based on lab salinometer results as computed by the UNESCO formulation (Cox et al, 1967). Because pressure effects and temperatures less than 10°C are not included in the International Tables, some other formulation for the conversion of in situ conductivity to salinity was required.

Walker and Chapman (1973) compared several of the more widely used conductivity-to-salinity equations used in the field of oceanography today. Unfortunately, as of the time of this publication, no standard formulation has been adopted by the world community although progress towards this has begun.

The Ribe-Howe equation with the low temperature correction by Dauphinée (Walker and Chapman, 1973), was chosen for the following reasons:

1. It agrees more closely with the UNESCO values in the range of the AIDJEX data set.
2. It claims accuracy of 0.01 ppt and extends deeper (7000 db) than others so it can be safely applied to the few deep 3000 meter stations.
3. It can be rapidly computed.
4. No effort needs to be made to compensate for the discrepancy between Ribe-Howe and the UNESCO equations. The magnitude of the errors in the range of 25-35 ppt is less than 0.001 ppt.

Bottle data and counter readings were placed in permanent files in the computer as described previously in the section STD Calibration. Final equations for the calibration of temperature and depth were calculated prior to the conductivity calibration procedure. These values were required as input parameters to the reversed Ribe-Howe equation to accurately provide the in situ conductivity given the precise values of salinity, temperature and the depth of observation.

Delta values still could not be calculated because of the different values of absolute conductivity used by the Plessey sensor and the Ribe-Howe equation. In order to transfer the Plessey conductivity of $C(35,20,0) = 47.891$ mmho/cm to a conductivity in terms of the Ribe-Howe formulation, $C(35,20,0) = 47.917$ mmho/cm, conductivity data produced by the Plessey CTD were multiplied by the ratio of the two values.

$$C_{\text{corr}} = C_{\text{ctd}} \times 1.0005429 \quad (5)$$

where C_{corr} = corrected conductivity
 C_{ctd} = observed conductivity of sensor

Delta values in conductivity were then calculated for all the bottle data in the CTD set. Once the calibration polynomial had been formulated for conductivity, it became a straightforward process to calculate salinity-temperature-depth data from the intermediate CTD data. The order of progression is very important and is as follows:

- a) correct temperature to produce final temperature, t_f
- b) correct depth to produce final depth, d_f
- c) calculate C_{corr} as in equation 5
- d) correct C_{corr} to produce final conductivity, c_f
- e) compute salinity by Ribe-Howe using t_f , d_f , c_f

Final conductivity values were not saved during the processing and are therefore not reported.

Optional Filtering Below 250 Meters

Approximately twenty-one percent of the total STD data required some type of additional filtering and smoothing due to above average noise in the temperature and salinity channels. This problem was confined to depths greater than 250 meters. The cause of the noise is not well understood, but is believed to be related to some vibration effect on the components of the STD with an increase in the rate of lowering. This effect has also been considered by shipboard operators of the Plessey STD system.

It is not believed to be caused by the deck instrumentation since both digital tape data, as well as analog traces indicate excessive noise levels even though they operate from essentially different circuitry. In some instances, the effect was so severe that the station data below 250 meters might well have been discarded if further filtering and smoothing had not been applied.

The decisions as to the filtering and smoothing were subjective and were based upon the comparisons of previous stations and the severity of the noise. The several options available as to the filtering used on individual stations were:

1. Only temperature-filtered within a specified depth interval.
2. Only salinity-filtered within a specified depth interval.
3. Both temperature and salinity-filtered within a specified depth interval.
4. Provide values from a sliding least squares best fit quadratic equation with 30% of overlapping in each subsequent fit.
5. Clip the original data with a preset tolerance of $\pm .006$ ($^{\circ}\text{C}$ or ppt).

If the station data had small discrete depth intervals in which the noise occurred, the section or sections were deleted rather than using the options to filter the entire trace. In the case where noise was extreme, the affected segment of data was replaced in its entirety with data obtained by the overlapping least squares best fit equations as described in option 4 and 5.

In the various listings in the data report, information is given as to whether a station has been filtered below the depth of 250 meters, although the type of filtering is not indicated. Better than 90% of the filtering done on the data involved salinity only with filtering as indicated by options 4 and 5.

Subsequent Processing

Even though salinity, temperature and depth had been converted into final calibrated data, errors still existed. A combination of several checks involving the plotting of the data in various forms and the sorting of various parameters revealed errors that were previously unnoticed.

The deletion of data while the sensors were in the hydroholes and the addition of weather and position information for the individual stations was also a part of this procedure.

T-S diagrams were employed on large groups of stations to show stations which deviated from the mean. Stations that were flagged in this manner were rechecked for validity. If the data turned out to be in error and the error resulted from processing, the station was reworked from the point at which the error occurred.

Nested temperature and salinity traces were also plotted (as shown in this report) to observe stations that did not follow the mean trends of the other plotted profiles. If a station was considered questionable, the original analog chart was used as the basis for the deletion or acceptance of the profile. Deletions of segments of data were most common in this part of processing because of random spiking that was not removed during initial processing. The deletions are seen as gaps in the data and usually span less than 10 meters.

Sequential sorting of the recorded dates and times of the stations at one camp was also done. Stations that were shown to be out of order were corrected and resubmitted to the data set.

Temperature and salinity values taken while the sensor was in the hydro-hole were then removed from all data sets of the respective camps. The depths to which this was done at each camp are listed in Table 3.

TABLE 3

Sea Ice Thickness of Hydroholes at the Four Manned Camps

<u>Camp</u>	<u>Ice Thickness (cm) Below Sea Level at Hydro-hole</u>
Caribou	300
Blue Fox	470
Snowbird	340
Big Bear	250

As a final indication of the quality of the salinity and temperature data, averaged values of the bottle and reversing thermometer at the various sampling depths are shown on the profiles.

ACCURACY OF THE DATA

Tests were run to determine the accuracy of the DDL and manually digitized STD data. The bottle data were used as the standard against which the final salinities and temperatures were checked. For each camp, the final salinity and temperature data were subtracted from the observed bottle data at the various tripping depths. Differences were grouped into two sections - DDL data and manually digitized data. Table 4 compares the mean salinity and temperature differences and the associated standard deviations for the four manned camps for each section.

TABLE 4

Means and Standard Deviations of Salinity
and Temperature Differences for the Four Manned Camps

<u>Camp</u>	<u>Data Type</u>	<u>Salinity</u>	<u>Temperature</u>
Caribou	DDL	0.0 ± 0.015	0.002 ± 0.024
	Manual	0.005 ± 0.027	0.014 ± 0.041
Blue Fox	DDL	0.002 ± 0.001	0.019 ± 0.051
	Manual	0.020 ± 0.025	0.007 ± 0.037
Snowbird	DDL	0.002 ± 0.047	-0.006 ± 0.034
	Manual	0.006 ± 0.034	-0.024 ± 0.056
Big Bear	DDL	0.008 ± 0.022	0.030 ± 0.044
	Manual	0.013 ± 0.050	0.005 ± 0.059

METEOROLOGY DATA

Surface observations and digital recordings of meteorological sensors at a fixed height above the surface of the ice were maintained continually at each of the AIDJEX manned camps.

From the original data, hourly averages of surface barometric pressure, wind speed and direction at 10 meters and air temperatures at 2 and 9 meters above the surface were obtained from the AIDJEX data bank.

Data that were closest in time to each station were recorded with the station in permanent files on the computer. In the header information associated with each station in this report, values of temperature at 2 meters, surface barometric pressure and 10 meter wind speed and direction are reported. Blanks imply no available data for that particular parameter.

POSITION ESTIMATES AND ASSOCIATED ERRORS

Filtered and smoothed estimates for position and velocity through time were recently updated for all of the AIDJEX 1975-76 manned camps (Thorndike and Manley, 1980), to provide better resolution for inertial oscillations of the ice motion. The initial Satellite Navigation report (Thorndike and Cheung, 1977) indicated signal reduction in the data at the inertial period due to filtering of approximately 50% and was, therefore, not acceptable for the reduction of certain parts of the oceanographic data set.

Position estimates were not regularly spaced in time nor were they at the times when the STD or PCM stations were started. Therefore, it was necessary that some software routine be constructed in order to give reliable estimates of the position and ice velocity at the times of the stations in question.

Normally, 25-30 position fixes were recorded per day at each of the four camps. The maximum number of fixes per day was close to sixty, and the minimum was zero for a period of approximately five days. With these wide variations in the spacing of the data, it became important to estimate the standard error associated with the calculated positions and velocities. These error estimates would then later become useful in the determination of the station's relative importance for a particular application. Typical examples would be the rejection of an STD station (position error of 1000 m) intended to be used in a geostrophic calculation where the inter-station spacing is on the order of 2 kilometers, or relative velocity PCM stations being rejected for absolute data processing when the ice velocity error was exceedingly high. Regardless of the intended application, error estimates for both positions and velocity are an integral part of the data set.

There are several methods to determine the position of a given camp at a particular time, given precise estimates of the position and velocity before and after the time in question. The methods range from a simple approach of choosing the position fix closest in time to the station in question, to more involved interpolation schemes.

Due to the presence of small to intermediate scale structures observed in the AIDJEX oceanographic data set, precise position and ice velocity estimates were required to resolve them as best as possible. By defining a smooth and continuous time dependent function - $X(t)$ - of a positional parameter such as latitude or longitude, four boundary conditions were initially provided by the navigation data set. These known conditions were $X(t_1)$, $X(t_2)$, $X'(t_1)$ and $X'(t_2)$; t_1 and t_2 indicate different observation times, and X' indicates the first derivative (velocity). In order for the function $X(t)$ to be uniquely defined, $X(t)$ by definition must be cubic.

Once the time of the station was provided, cubic equations for both latitude and longitude were defined using the navigations points of latitude, longitude and north and east ice velocities directly before and after the station time in question. Position and ice velocity were then obtained by substituting the time of the station into the cubic equations and their first derivatives with north and east ice velocities being defined as the first time derivative of latitude and longitude respectively.

Estimates (95% confidence limit) of the errors associated with latitude and longitude are also provided to the user. A more detailed explanation of the errors associated with position, as well as ice velocity is given in any of the AIDJEX profiling current meter data reports (Manley et al, 1980 a, b, c, d).

OBSERVED FEATURES

The stable ice platform permits the STD to be dropped and raised smoothly without the pumping action usually produced on casts from a rolling ship. Delineation of small scale structures is limited almost entirely by instrument characteristics alone. The AIDJEX data show considerable detail in such interesting oceanographic features as the upper mixed-layer, anomalies of temperature and salinity associated with baroclinic eddies and step structure. Since the STD profiles were continued over an entire year, the seasonal variations in these and other features were recorded. Also, the 100 km array of four (later three) ice stations permits description of the lateral variation of oceanographic features on this scale. The array scale was originally chosen to give information on mesoscale atmospheric effects. It is too large for detailed study of baroclinic eddies and too small for the general circulation. However, the scale does confirm the extent of variations in the mixed layer and in step structure. Baroclinic eddies are only 10 to 20 km in diameter and are observed at only one ice station at a time but some idea of their numbers can be obtained by the frequency of encounter with them.

Mixed Layer

The behavior of the upper mixed layer was one of the principal objectives to the AIDJEX oceanographic program. This layer of nearly homogeneous water extends, during the winter, from just below the ice to depths of 25 to 60 m. During the summer it disappears as the upper layers become strongly stratified. The aim of the AIDJEX field program was to measure as accurately as possible the forces acting on drifting ice including the frictional drag of the ocean. The degree of homogeneity or stratification of the upper layers has an important effect on water drag. A well-mixed upper layer results in more drag than a stratified layer.

The mixed layer which appears so strikingly in the winter and spring arctic profiles of temperature and salinity (fig. 7) is attributed to brine convection. Heavy brine is released during freezing to sink down to or below its level of equivalent density, overturning and mixing the surface layers as it descends. Most earlier arctic oceanographic stations were taken in winter and spring months. The mixed layer has been generally recognizable in bottle casts although details of its structure and evolution were not available. In the 1972 experiment, the mixed layer was about 35 m deep with a sharp break at that level to a steep gradient in temperature and salinity. The continuous record of a Guildline CTD showed the upper 15 m to be often unstable within the resolution of the instruments. The region from 15 to 35 m, while still having the appearance of a mixed layer, was neutral or slightly stable (Smith, 1974).

Results from the 1975-76 experiment with Plessey STD (CTDs) show that the mixed layer often has slight steps and that the details of the structure are

not coherent over the 100 km array. The mixed layer in the spring of 1975 was about 50 m deep. The small steps in the mixed layer may be due to brine convection beneath a refreezing lead.

Fluid dynamical arguments suggest that such steps are limited to a horizontal extent of about 2 kilometers. Their horizontal scale is limited to approximately the Rossby radius of deformation which is small for such small density differences as these steps in the mixed layer (Stommel, 1969).

There are two principle stirring mechanisms by which a mixed layer may be formed; gravitational convection due to brine extrusion during freezing is usually considered most important, mechanical stirring by ice drift must also play some part. Previous studies have not conclusively shown the relative importance of the two regimes (Solomon, 1973). The two mechanisms should operate on clearly separated horizontal scales with mechanical stirring by drift occurring over the 1000 km scale of the wind field and brine convection occurring over the 1 to 10 km scale of leads.

Few summertime observations were available on the upper layers before 1975. The AIDJEX records show that a continuous steep gradient in temperature and salinity often exists beneath the ice during summer when freshwater runoff from melting ice and snow stratifies the upper layers (figs. 10-13). Since the fresh water is lighter than sea water, it remains on top, stratifying the surface layer. At times the stratification may be less continuous (fig. 13). Figures 12 and 13 were taken on the same day, but at stations about 100 km apart and show the extent of horizontal variability. The amount of snow available for runoff and the number of cracks available for drainage cause this variability.

Figure 14 shows the development of the mixed layer through time. In the late summer, the mixed layer is absent (14a), but begins to develop and deepen

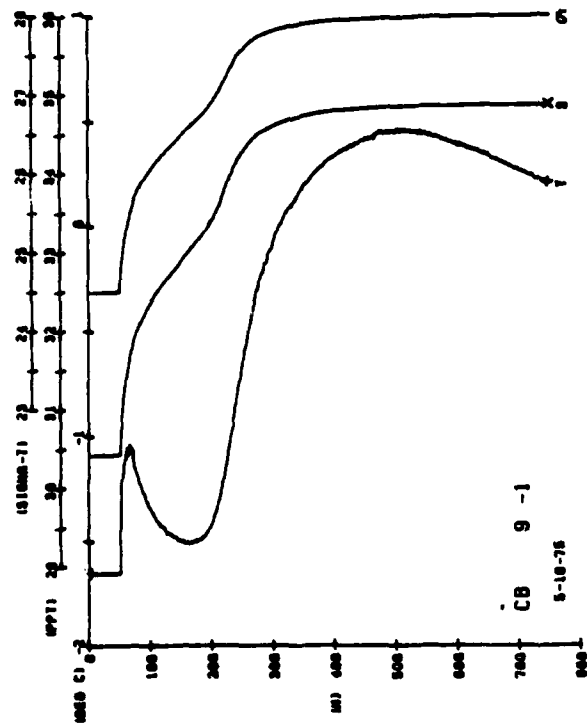


Figure 10 - STD- σ_t profile of Caribou Station 9. Figure 11 - STD- σ_t profile of Caribou Station 111.

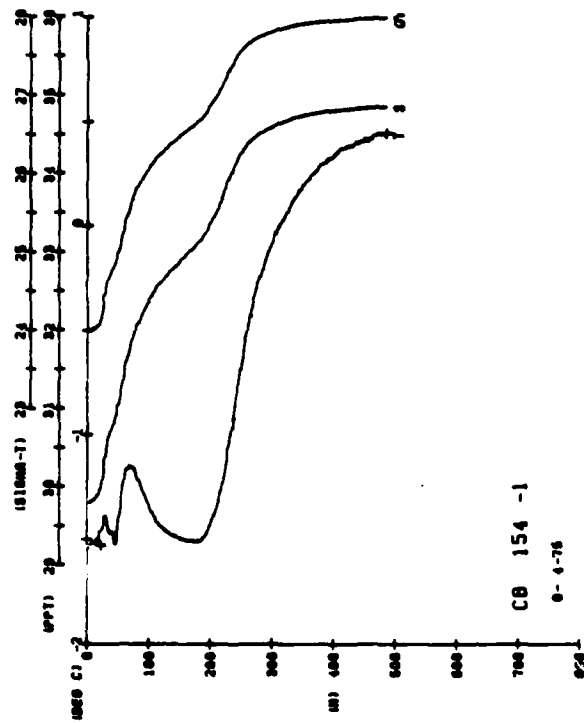
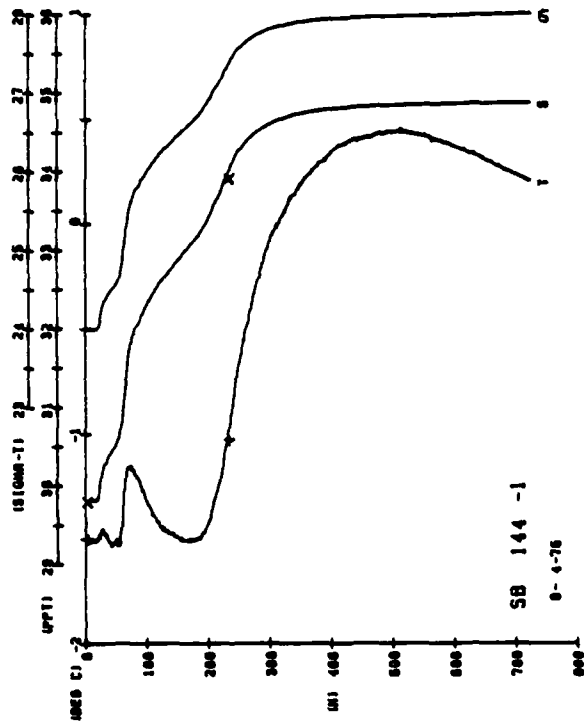
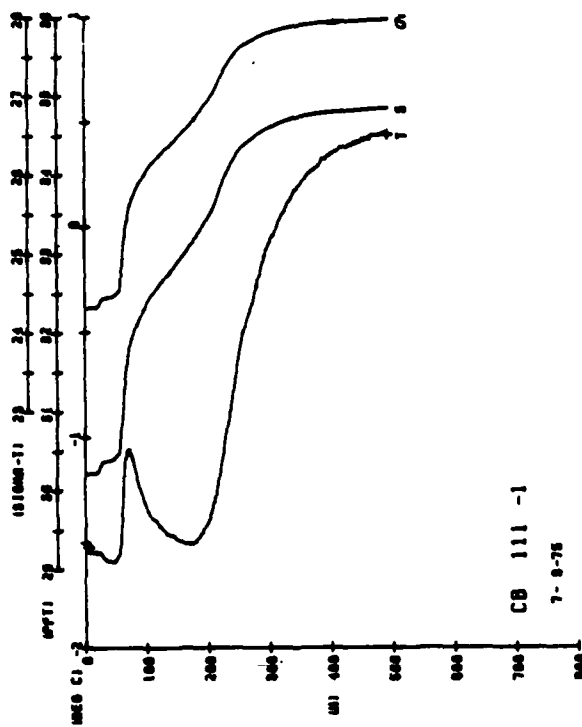


Figure 12 - STD- σ_t profile of Caribou Station 154. Figure 13 - STD- σ_t profile of Snowbird Station 144.



when the first freezing begins and is about 15 meters deep by September (14b). It continues to deepen slowly, reaching approximately 25 meters in December (14c), and attains a maximum depth of 40-50 meters in late spring (14d). Unfortunately, the experiment did not continue far into the spring of the following year, so an early station from camp Blue Fox is used to show this maximum (14d).

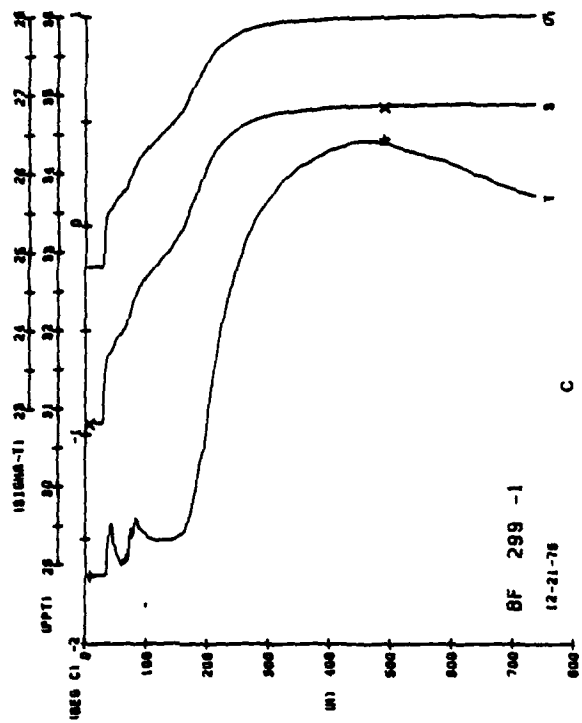
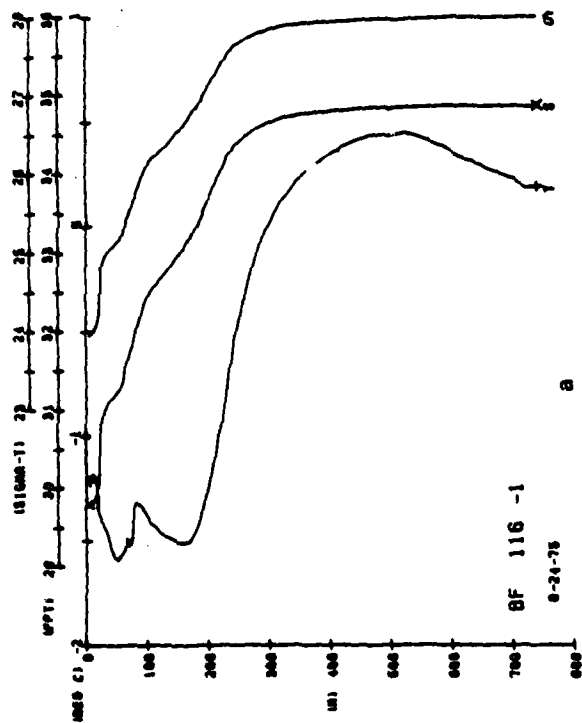
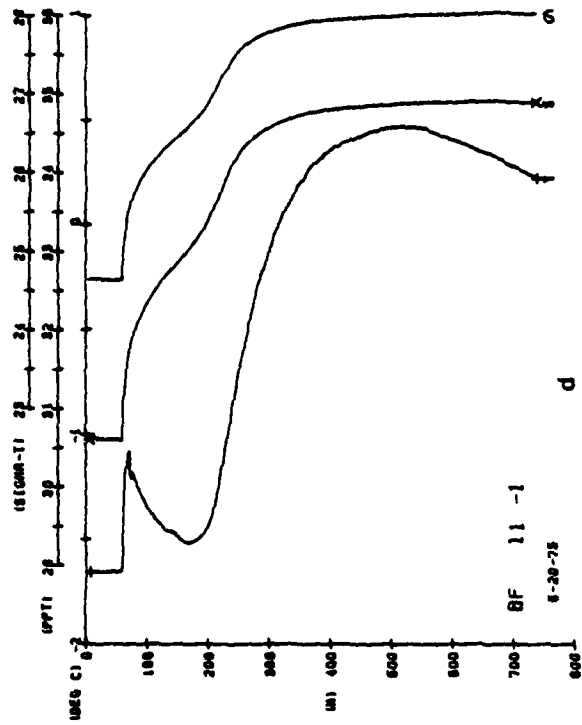
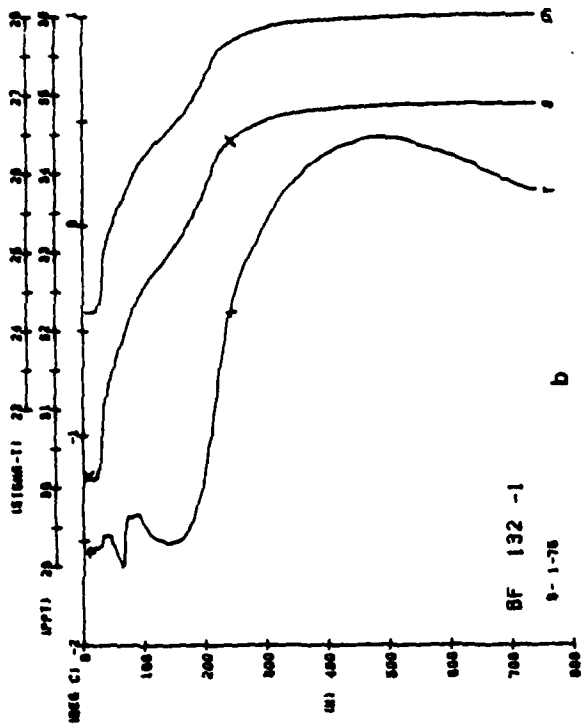


Figure 14 - Development of mixed layer as observed at Camp Blue Fox from late summer to late spring.

Mesoscale Eddies

One of the unexpected oceanographic results of the 1972 AIDJEX program was the detection of swift subsurface currents localized in the pycnocline. These currents coincided with the region of steepest density gradient between 50 and 300 m. Maximum speeds, found at a depth of about 150 m, reached 60 cm/s. This speed far exceeded the mean current of 1.8 cm/s (Hunkins, 1974 b; Newton, 1973; Newton et al., 1974; Dixit, 1978).

Although there had been observations of transient undercurrents by P.P. Shirshov as early as 1937 (Belyakov, 1972), the details and horizontal extent of the features were not known. In 1972, these transient currents were shown to occur as nearly circular eddies with diameters of 10 to 20 km. Both cyclonic and anticyclonic circulation were observed. The eddies are strongly baroclinic with signatures in both the velocity and density fields. The force balance is nearly geostrophic although centrifugal force is also of some significance since the eddies have such a small radius.

In the main experiment of 1975-76, eddies were detected at all four camps. Examples of current velocity profiles through eddies at the camps are shown in figs. 15-18. They differ from the barotropic wind-driven motions by often occurring when there is little ice motion and by their strong vertical shear.

Previous measurements of temperature and salinity through the eddies have been with discrete sampling by water bottles and reversing thermometers. These are the first eddy studies with the increased detail given by STD profiles. The eddies appear to move more slowly than drifting ice so that a cross-section through one may be obtained as the ice station drifts over it. This happened as the Snowbird station drifted across an eddy. Four successive

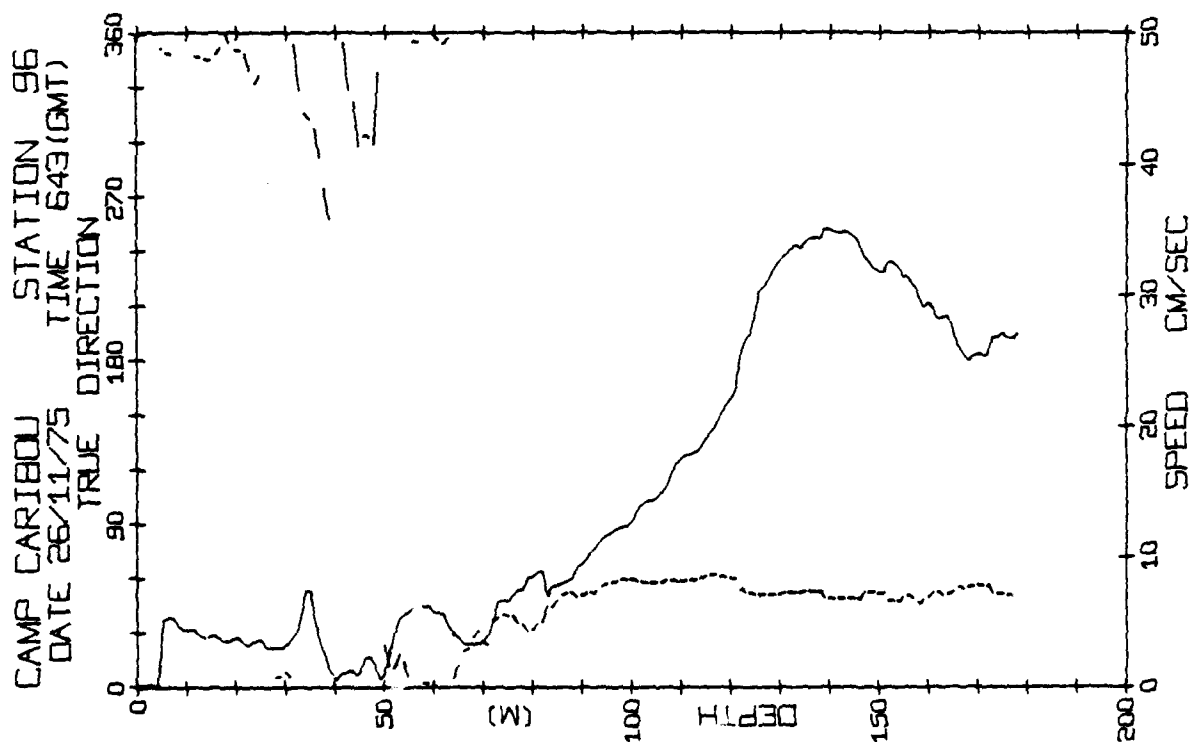


Figure 15 - Vertical velocity profile through an eddy observed at Camp Caribou; dashed line is true direction, solid line is absolute speed.

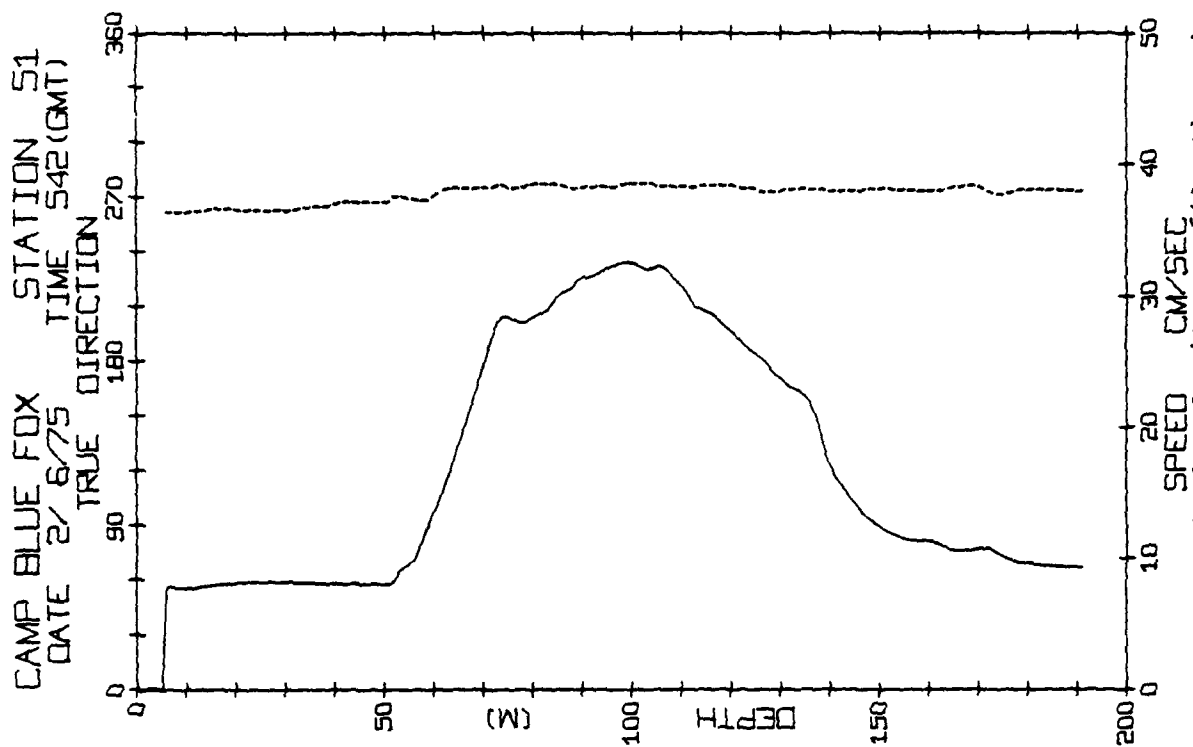


Figure 16 - Vertical velocity profile through an eddy observed at Camp Blue Fox; dashed line is true direction, solid line is absolute speed.

CAMP SNOWBIRD STATION 49
DATE 30/ 5/75 TIME 2043(GMT)
TRUE DIRECTION

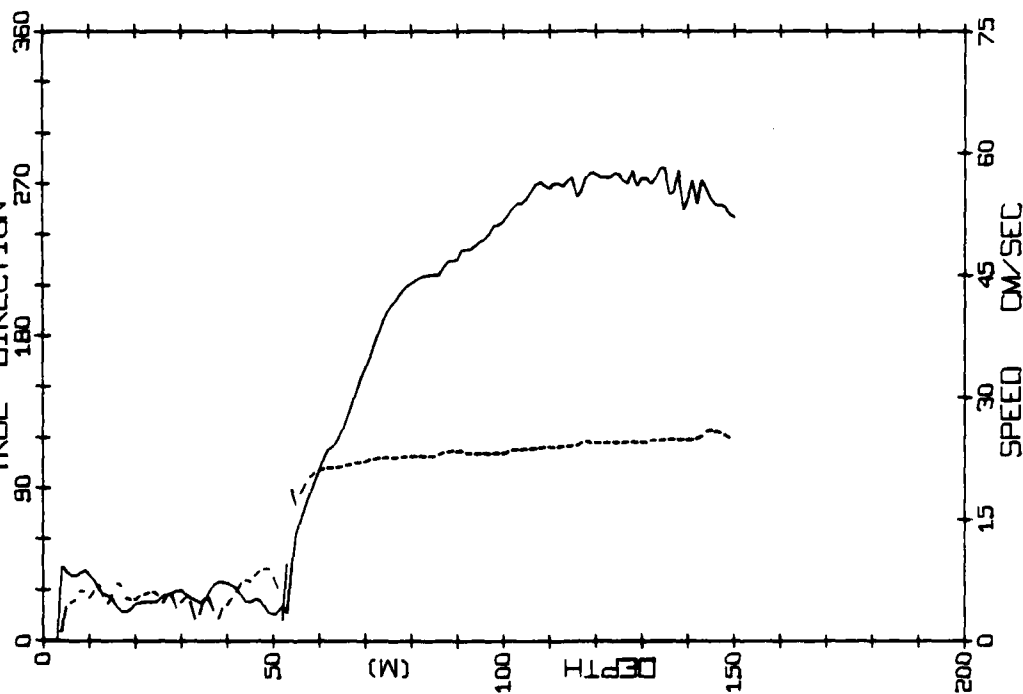


Figure 17 - Vertical velocity profile through an eddy observed at Camp Snowbird; dashed line is true direction, solid line is absolute speed.

CAMP BIG BEAR STATION 154
DATE 14/ 6/75 TIME 1944(GMT)
TRUE DIRECTION

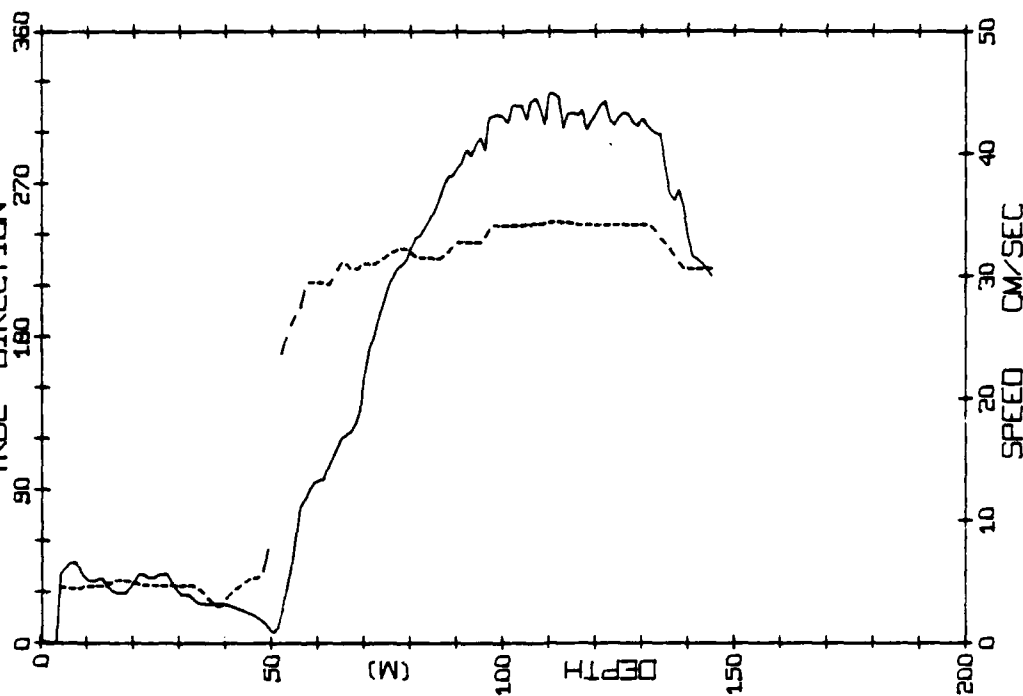


Figure 18 - Vertical velocity profile through an eddy observed at Camp Big Bear; dashed line is true direction, solid line is absolute speed.

profiles on four succeeding days show changes from normal conditions to eddy conditions and back to normal (fig. 19).

In the middle two profiles there is a marked change from the normal temperature and salinity between depths of 100 and 200m, the depth interval of maximum current velocity. Figure 13 shows the velocity profile corresponding to Snowbird station 30 in figure 19.

Measurements with increased time and space resolution have resulted in detection of baroclinic eddies in the Atlantic Ocean where they became the object of detailed study during the United States MODE experiments and Soviet POLYGON experiments. The Arctic eddies differ from the Atlantic ones in two ways. The horizontal and vertical space scales of the Arctic eddies are much smaller, 20 km and 200 m respectively, than those in the Atlantic, 100 km and 4000 m. The depth of maximum velocity within the eddies also differs between the two oceans. Whereas in the Atlantic it is close to the surface, in the Arctic the maximum is definitely below the surface at 80 to 150 m. This appears related to the presence of the ice cover against which the eddy is frictionally dissipated. Thus, the Arctic eddies enlarge the parameter range under which eddies are known to exist.

Prior to the printing of this report, a more detailed study of mesoscale eddies in the Arctic Ocean was recently completed (Manley, 1981). This work contains discussion on their characteristics, origin, and role in the energy, heat and salt balance of the western Arctic Ocean.

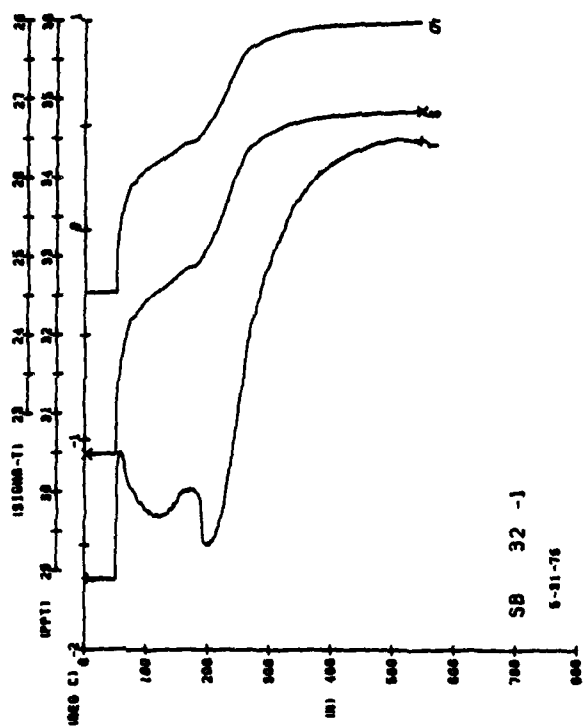
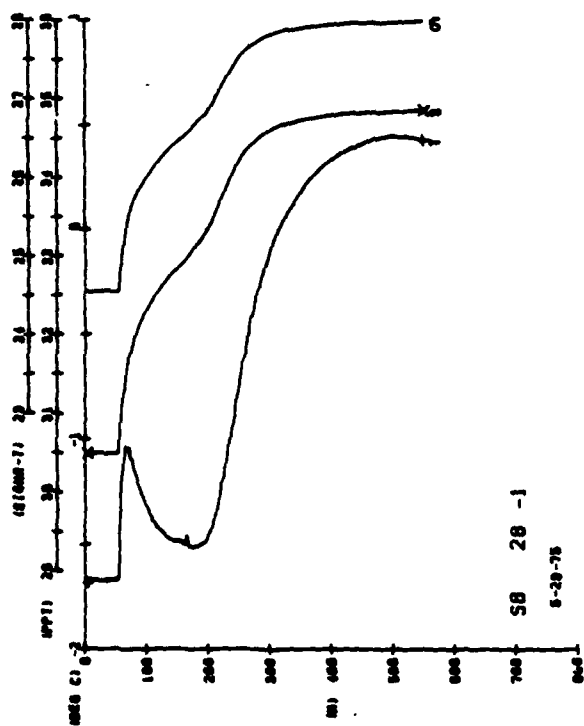
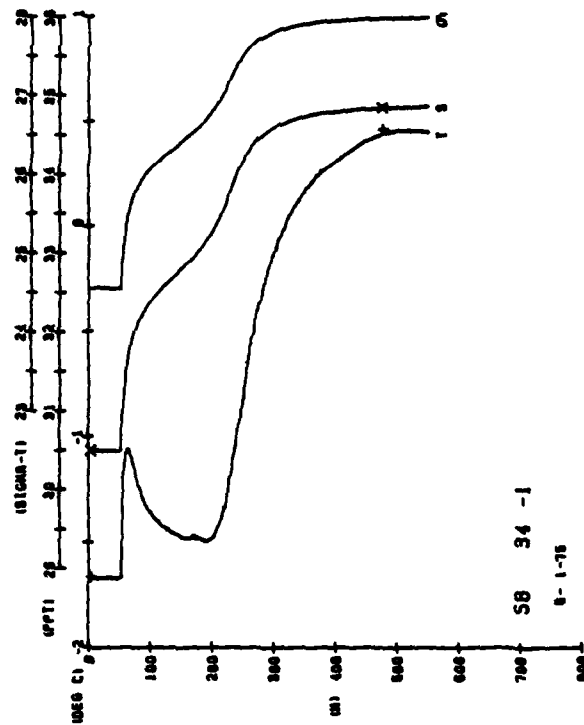
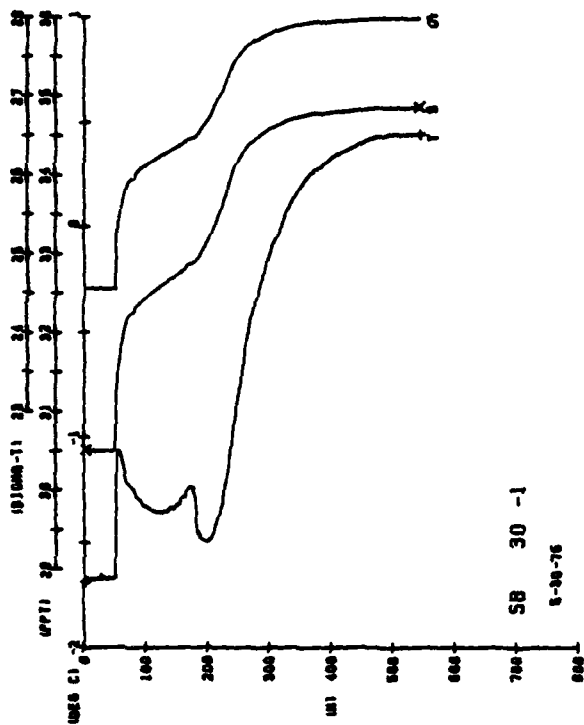


Figure 19 - T-S- σ_t observations through an eddy at Camp Snowbird.

Step Structure

Step structure is a third oceanographic feature which is shown in these STD (CTD) profiles. Arctic Ocean step structure has been reported previously by Neshyba et al., (1971), and consists of homogeneous layers about 3 m thick between depths of 200 to 500 m. The profiles of temperature and salinity taken during the main AIDJEX experiment also show similar features. An example of this step structure is shown in an expanded plot of temperature and salinity taken from STD station number 1 and Camp Snowbird (fig. 20). It was unexpected that such small features should be detected with the model 9040 STD, as it was not designed for microprofiling.

The abundant AIDJEX data should extend our geographical and temporal information on these step structures. It should be noted, however, than only data processed from magnetic tape (processing code = 1; see Table 5) are of a high enough quality to study the features.

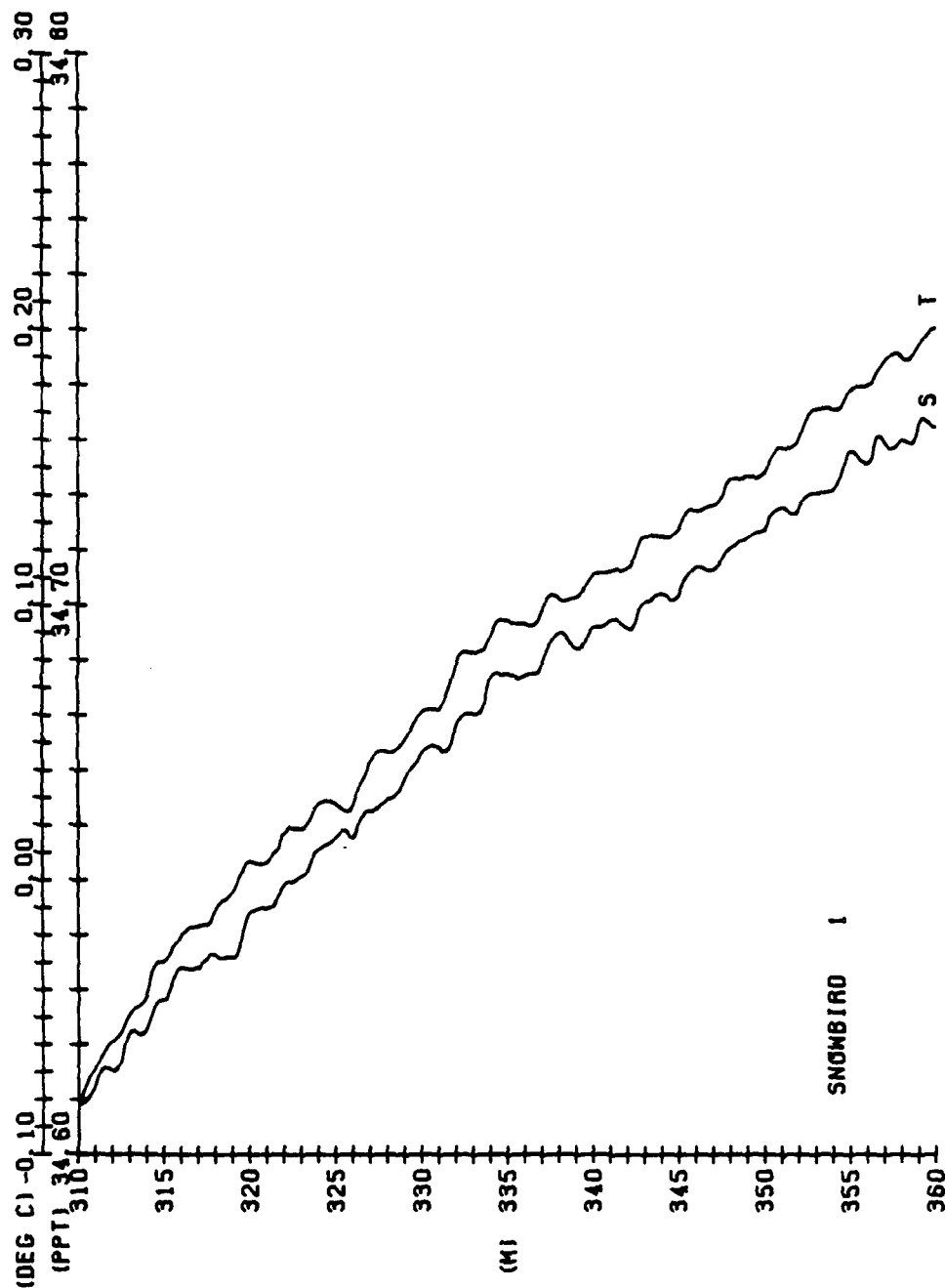


Figure 20 - Step structure through an eddy at Camp Snowbird, Station 1, May 16, 1975.

Observations of Supercooled Water

On numerous occasions during the AIDJEX program, water temperatures in the surface layers were below the freezing point for their salinity, especially during the months of winter and spring. The supercooling often exceeded 0.1°C . There have been many reports of supercooled waters in the arctic and antarctic oceanographic literature. These observations have been discussed by Doronin and Kheisin (1975) and by Lewis and Lake (1971). The reports of supercooling in polar waters seem to be accepted by the first authors while Lewis and Lake conclude on the basis of experiments and a survey of the literature that supercooling, if it exists at all, is very transitory. They conclude that the presence of ice crystals within the water leads to erroneously low salinity values upon analysis at room temperature and consequent freezing point calculations which are erroneously high.

In the AIDJEX data, the amount of supercooling, which can amount to 0.1°C or better, is too great to attribute to experimental error. The explanation of Lewis and Lake seems more likely to explain the anomalously cold water although no direct experiments were done to confirm the presence of ice crystals. Although the AIDJEX measurements were made by in situ temperature and conductivity sensors, the measurements were calibrated against bottle samples which were raised to the surface and analyzed at room temperature. Thus it is possible that melted ice crystals may have diluted the sample and these observations cannot be taken as serious evidence of supercooling in arctic surface waters.

ACKNOWLEDGMENTS

The following persons operated the STD program at the AIDJEX camps:
Jay Ardai, Bharat Dixit, Allan Gill, Brian Hill, Andreas Nocolades,
Paul Peltola, Jan Szelag and Roy Wilkens.

APPENDIX 1

CONVERSION TABLE FOR AIDJEX DAYS TO CALENDAR DAYS

For the main experiment, AIDJEX adopted a convention of numbering days consecutively, beginning with day 1 = 01 January, 1975 and ending with day 500 = 14 May, 1976.

In the conversion table, the first column is the AIDJEX day, the second is the corresponding day of 1975 or 1976 and the third entry is the calendar date.

[illegible]

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STATION INFORMATION

In this section is a brief listing of all the stations at the indicated camp along with other pertinent information. A brief list of the terms and their meanings are shown below:

CAMP	Name of manned camp
STAT	PCM station
MODE	1 implies downtrace 2 implies uptrace
DY	Day
MON	Month
YR	Year
TIME	GMT time of station
CODE	Processing code, see table 8
AJXDAY	AIDJEX day (decimal) of station, see Appendix 3
D. MIN	Minimum depth (meters) of station
D. MAX	Maximum depth (meters) obtained at station
LATITUDE	Latitude of station in decimal degrees
LONGITUDE	Longitude of station in decimal degrees (- indicates West longitude)
LT. ERR	Error of latitude position in meters
LG. ERR	Error of longitude position in meters

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OUTPUT FORMAT OF FINAL DATA

This report consists entirely of salinity and temperature data taken at the AIDJEX manned camp Snowbird. A Plessey 9040 STD, which provided a majority of the data, was later replaced by a CTD of the same manufacturer. Casts were normally taken to a depth of 750 meters with some extending to 3000 meters.

Station information is provided in three different formats consisting of 1) numerical listings, 2) profiles of temperature, salinity and sigma-t ($T-S-\sigma_t$) with depth, and 3) monthly time series of nested temperature and salinity profiles. In general, two profiles of $T-S-\sigma_t$ are graphically shown on one page of the data report. On the facing page, the corresponding numerical listings of the stations are shown.

The numerical data consists of other parameters relative to the station and in some cases are abbreviated to save space. A list of the abbreviated terms and their meanings can be found in Table 5. The main body of the numerical listing consists of values of temperature, potential temperature, salinity, sigma-t (σ_t), specific volume anomaly, dynamic height and sound velocity against various interpolated levels of depth. Since upper surface layer data are omitted from the data set at all camps (the sensor being in the hydrohole), surface readings of temperature and salinity are duplicated from the first data seen in the cast. The first and last data of the station are shown as one of the first values below the depth of 0.0 meters and the last values of the listing respectively.

Some station listings will show nothing for dynamic height. This implies that either the segment of missing data in the profile was too large to interpolate over, or only temperature or salinity data was available and it was impossible to calculate some parameters.

Average values of the bottle data at a particular depth level are also listed at the bottom of the data listing.

Corresponding profiles of temperature, salinity and sigma-t for the station listing are shown on the facing page.

The label at the end of each trace (T-S- σ_t) indicates the parameter of temperature, salinity and sigma-t respectively. Scales at the upper part of the diagram are labeled to correspond to the parameters and are also shifted with respect to one another to provide the maximum amount of non-interference of traces. Depth is in meters. Station identification and date are in the lower left hand corner in the following format:

CP STN-MOD

MONTH - DAY - YEAR

where

CP is the camp identifier

CB = Caribou

BF = Blue Fox

SB = Snowbird

BB = Big Bear

STN is the station number

MOD is the mode

1 = downtrace

2 = uptrace

Salinity values obtained from the bottle data are plotted on the traces as a "X". Temperature values obtained from the reversing thermometers are indicated on the trace as a "+".

Where station depth exceeds 800 meters, the entire station listing as well as the profile will each take up one full page. The listing from 800 meters on down will occupy the second half of the listing page while the corresponding plot on the facing page will show the entire profile to a fixed limit of 3000 meters. Deep stations are designed in this output format so as not to be split up into two pages. As a result, there may be a few cases where only one shallow station is listed or plotted on one page.

A third type of output format is a series of temperature or salinity profiles to a maximum depth of 750 m nested in one month blocks. These are found in "Results - Section 1". Station numbers at the end of the trace are indicated. All other labeling is self-explanatory.

TABLE 5

Definitions and Meanings of Abbreviated Terms in the Station Listings

Big Bear First main camp

Caribou Satellite camp later to become main camp

Blue Fox Satellite camp

Snowbird Satellite camp

Station xxx (y) Station number (xxx) and mode of trace (y) used where:

STD Station taken with STD y = 1 indicates downtrace

CTD Station taken with CTD y = 2 indicates uptrace

GMT Times shown are Greenwich mean time

CODE = I Processing Code where if I =

A) 1 + 5 profile contains both temperature and salinity data.

- 1) data from magnetic tape
- 2) data from manual digitization of analog charts
- 3) subsequent filtering below 250 m in salinity only
- 4) subsequent filtering below 250 m in temperature only
- 5) subsequent filtering below 250 m in both temperature and salinity

B) 11 + 13, profile is in salinity only

- 11) data from magnetic tape
- 12) data from manual digitization of analog charts
- 13) filtered below 250 meters

C) 21 + 23, profile in temperature only

- 21) data from magnetic tape
- 22) data from manual digitization of analog charts
- 23) filtered below 250 meters

LAT Latitude in decimal degrees N (North)

LONG Longitude in decimal degrees, W (West)

TABLE 5 (cont'd.)

LTER	Estimate of positional error for latitude in meters
LGER	Estimate of positional error for longitude in meters
AIR TEMP	Air temperature in degrees C at 2 meters above surface of ice
BAROM	Barometric pressure in millibars, taken at surface
WIND	Wind direction in degrees true north, taken at 10 meters above surface of ice
SPEED	Wind speed in meters/sec., taken at 10 meters above surface of ice

LISTING PARAMETERS

DEPTH	Depth in meters
TEMP	Temperature in degrees C
PTEMP	Potential temperature in degree C
SALIN	Salinity in parts per thousand
SIG T	Sigma-t density where: density (ρ) = $1.0 + ((\text{Sig T}) * 1000.0)$
SPVOL	Specific volume anomaly ($\times 10^{-5} \text{ cm}^3/\text{gm}$)
DYNHT	Dynamic height (dynamic meters)
SOUND	Sound velocity in meters/sec., calculated from Matthews equation

BOTTLE DATA LISTING

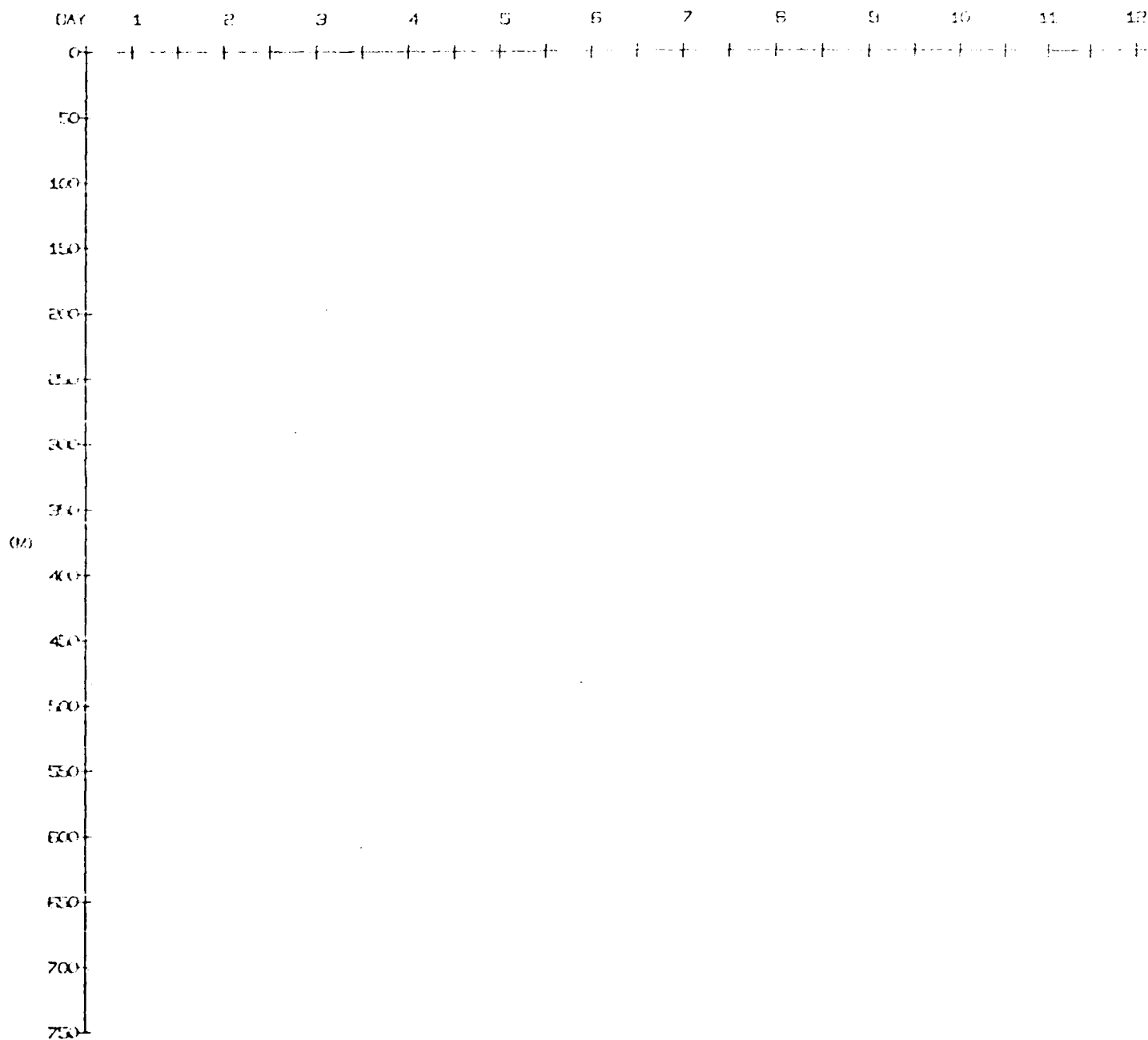
DEPTH	Depth in meters at which bottle was tripped
TEMP	Average temperature of reversing thermometers in degrees C
SAL	Determined salinity of water sample taken at depth indicated, in ppt.

RESULTS

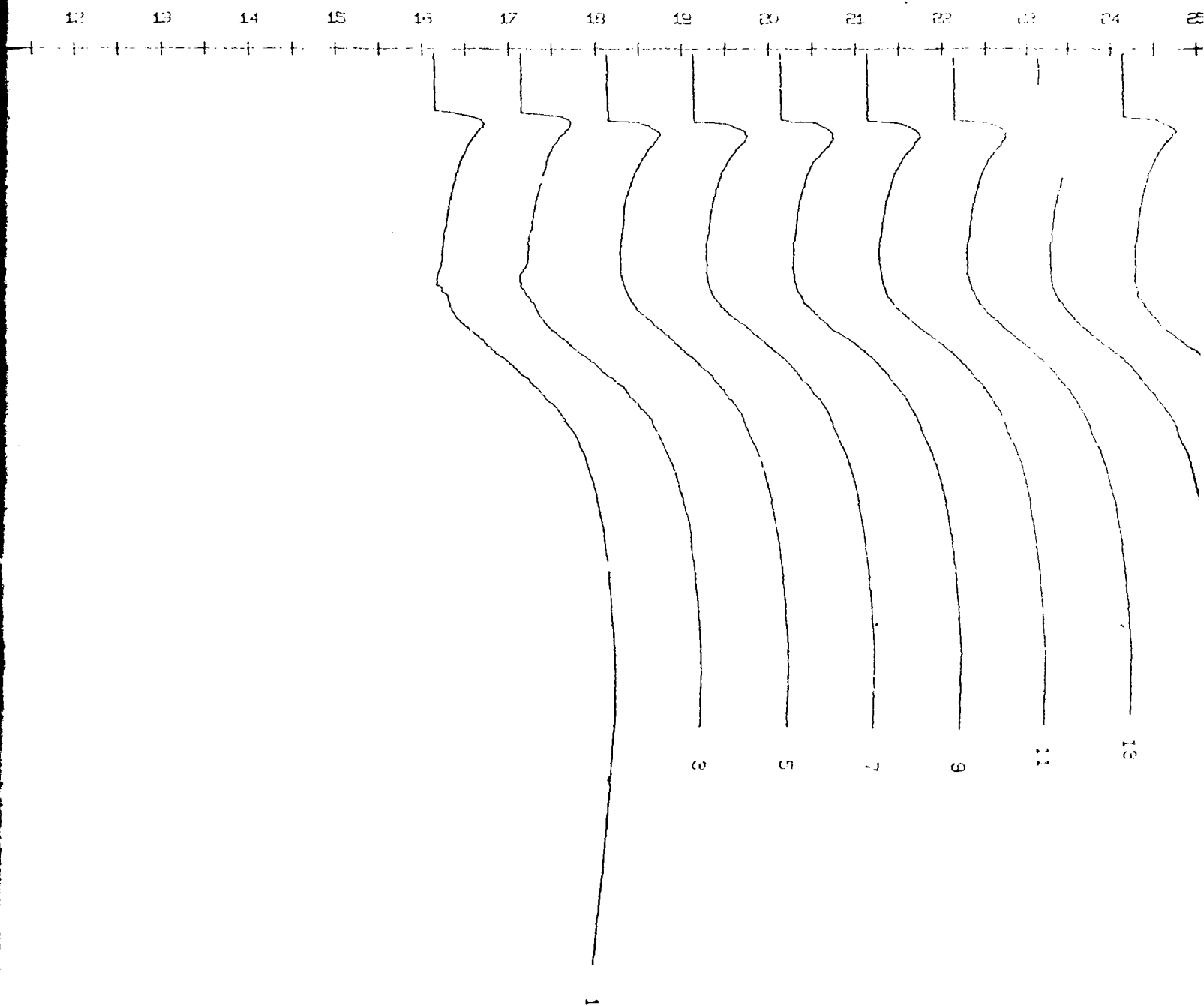
Section 1 (Nested Vertical Profiles)

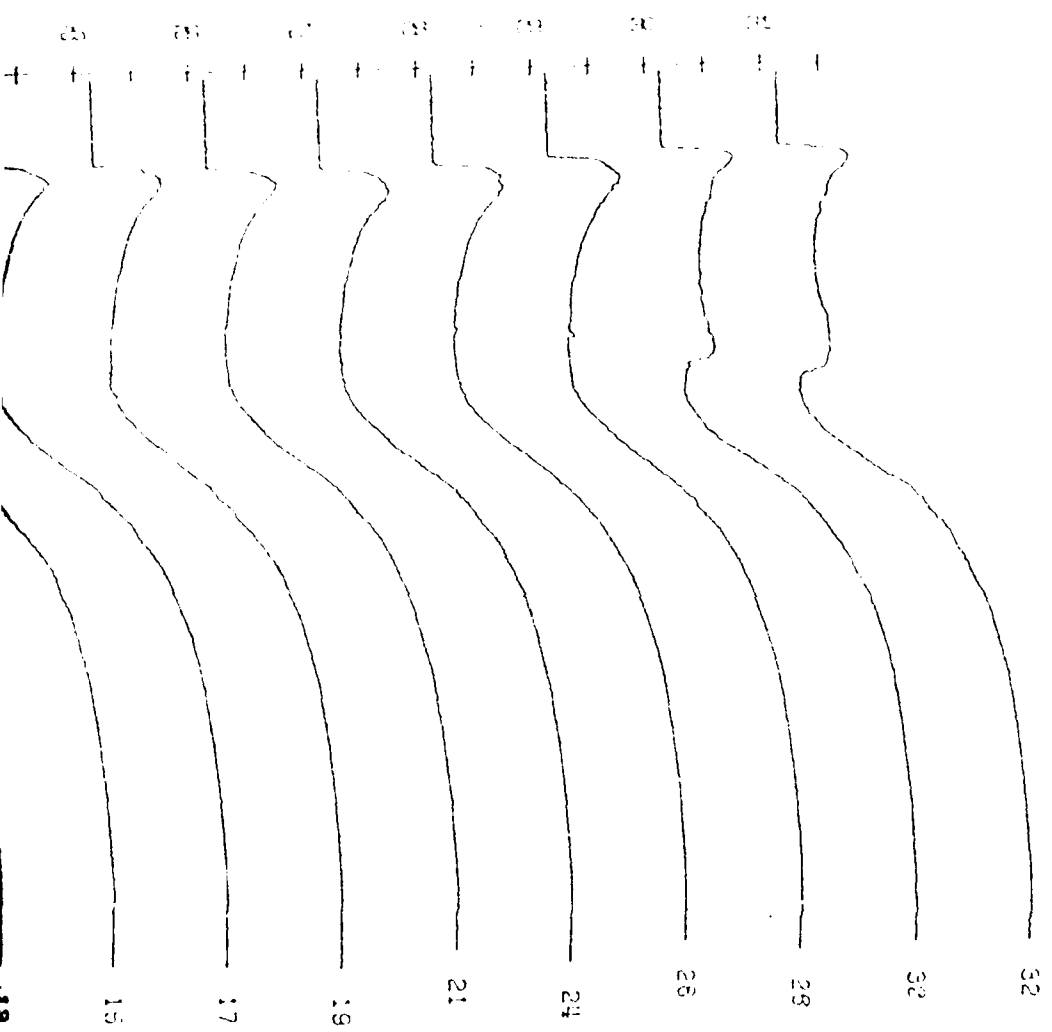
This section contains the plots of temperature and salinity to a depth of 750 meters nested into a monthly time series.

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM TIME) IS PERMITTED
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- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (+0+5 DIV. +0+) PER HALF DAY

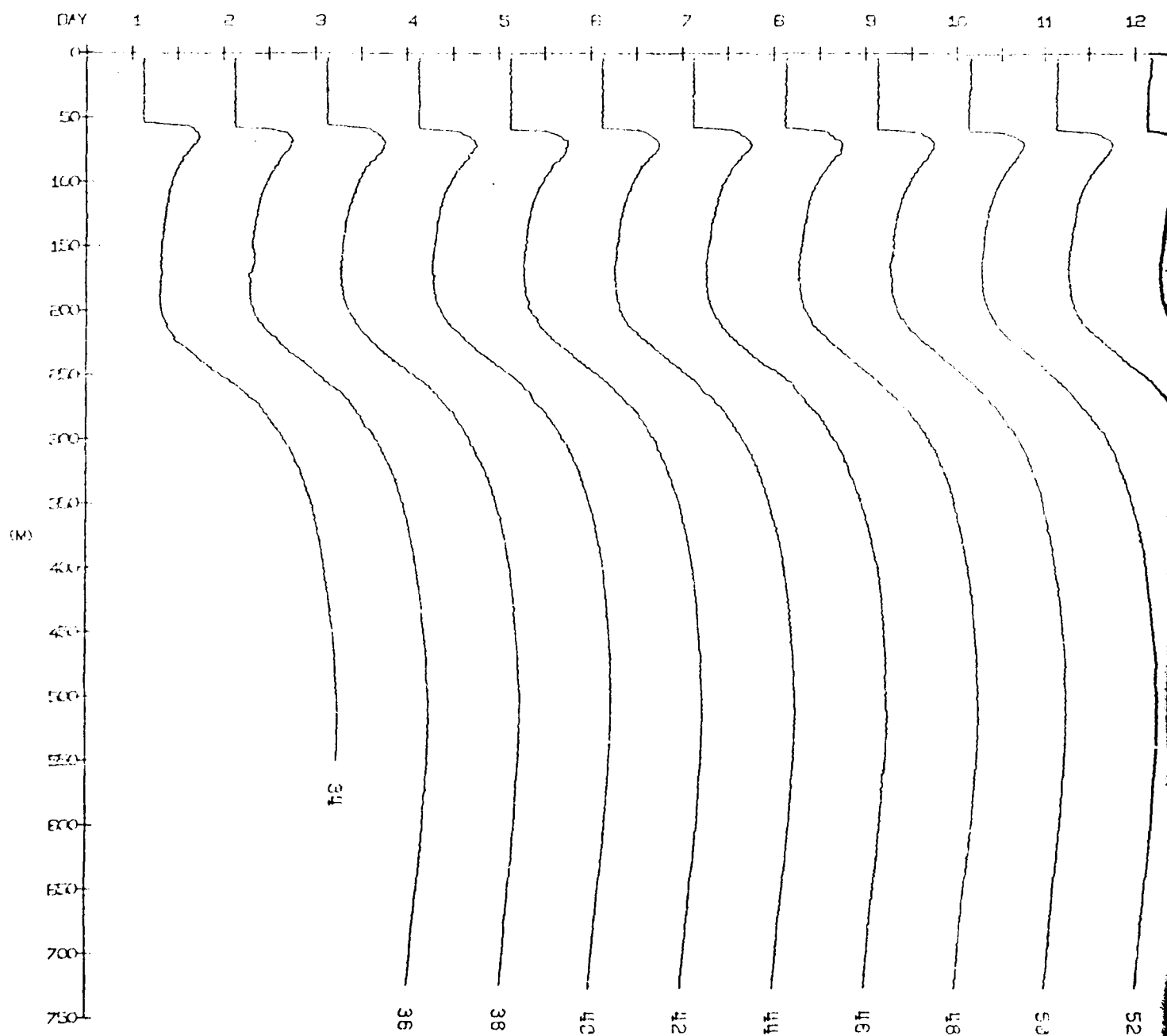


TEMPERATURE PROFILES AT CAMP SNOWBIRD MAY 1, 1975 TO MAY 31, 1975

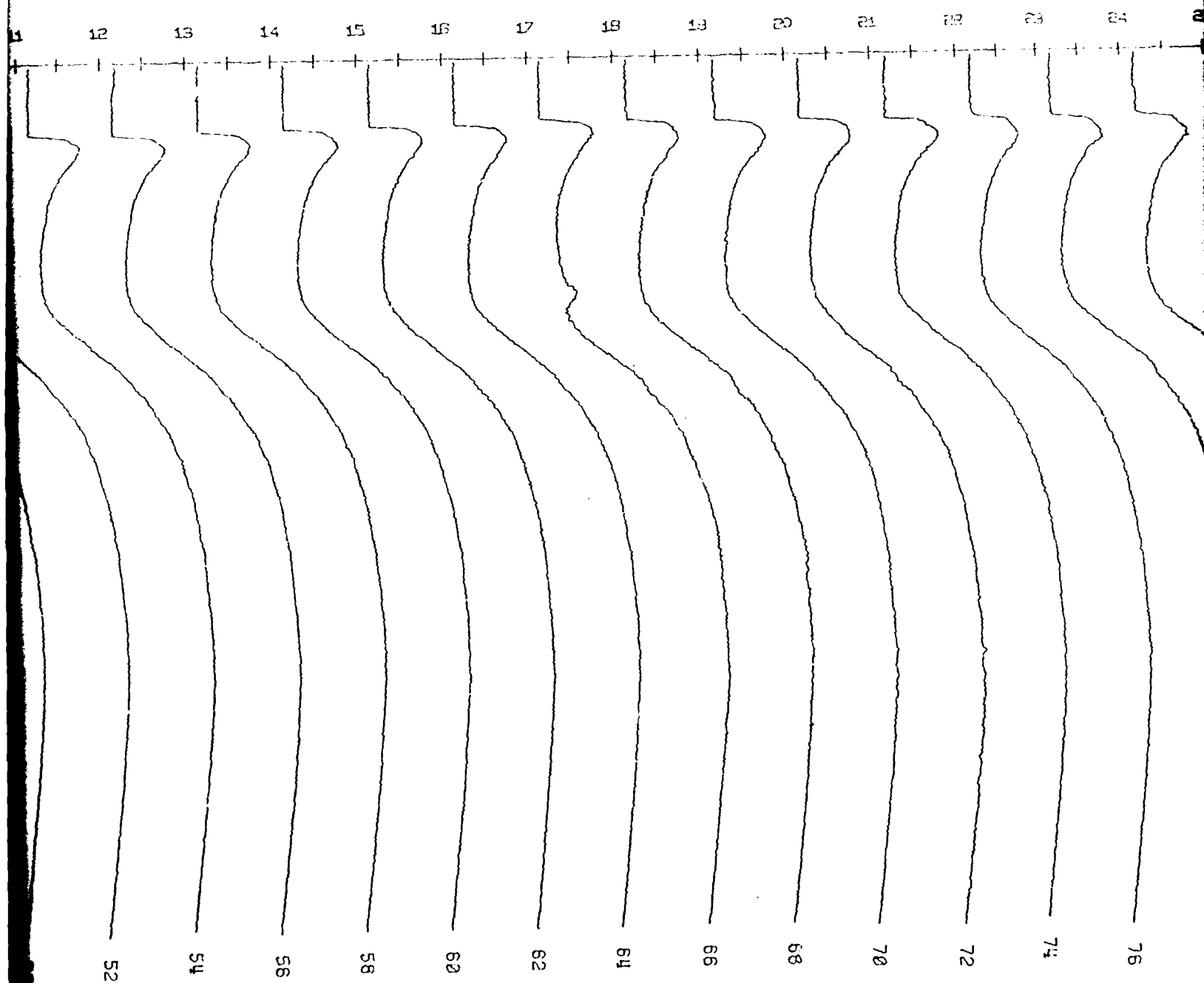


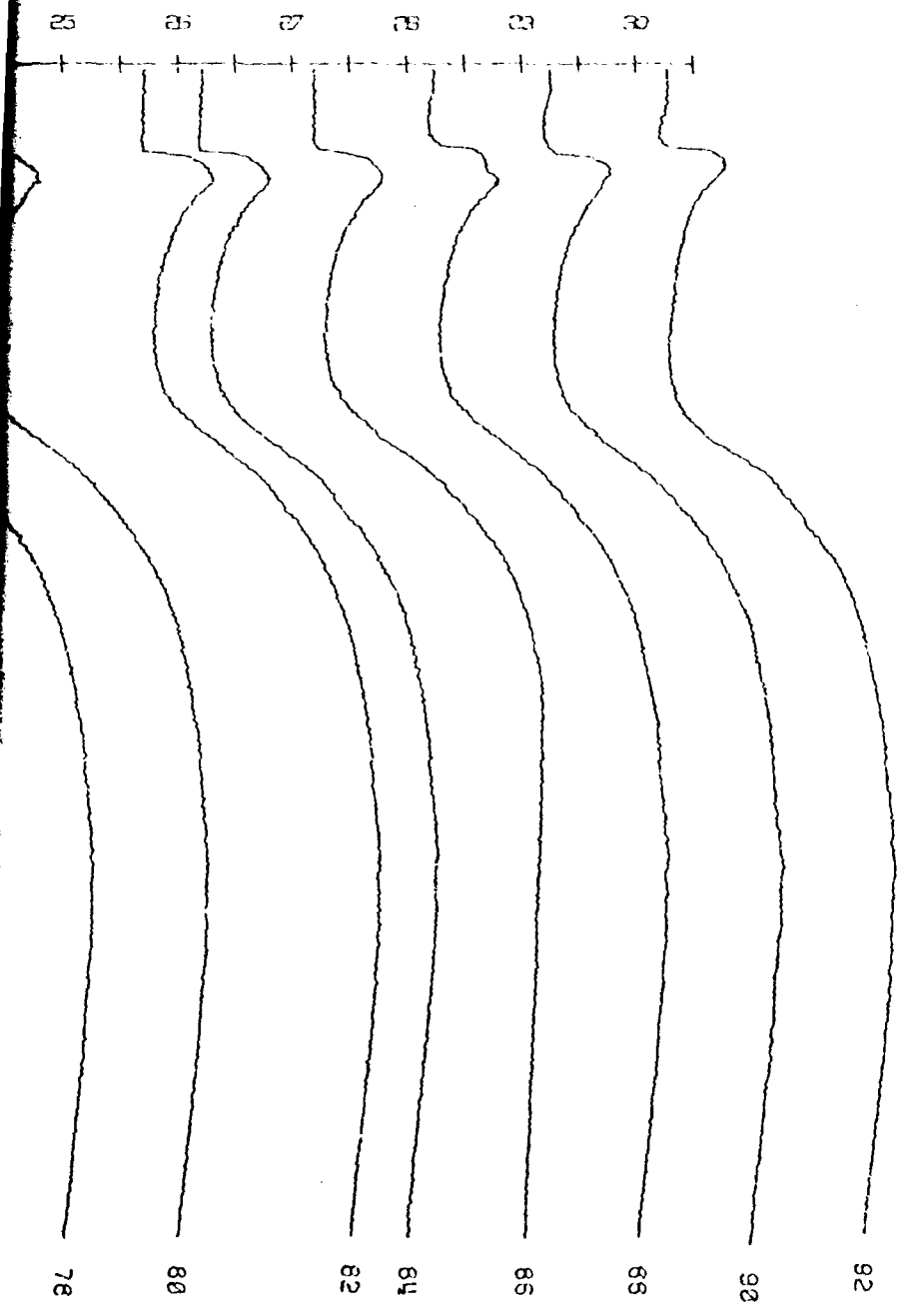


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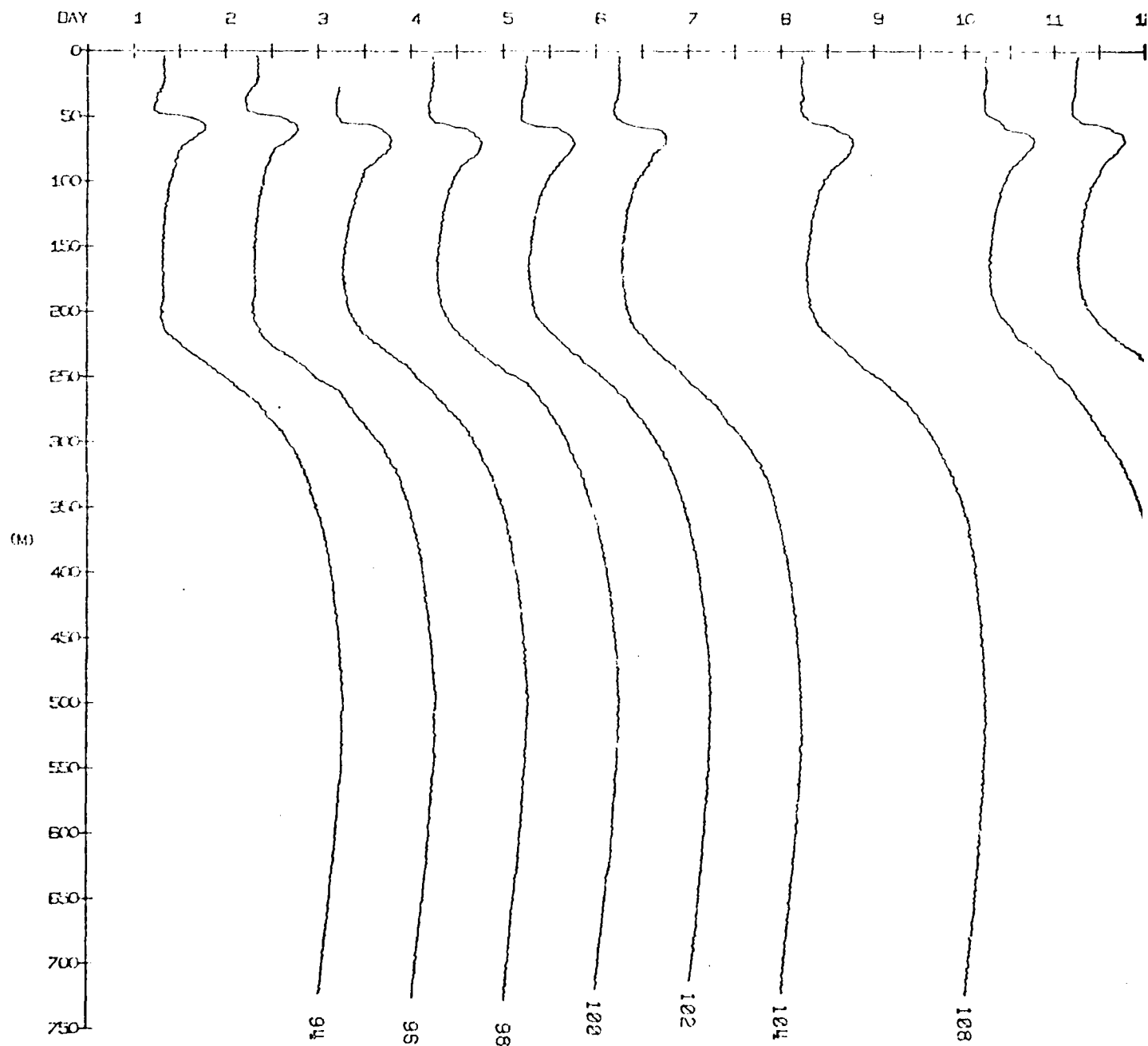


TEMPERATURE PROFILES AT CAMP SNOWBIRD
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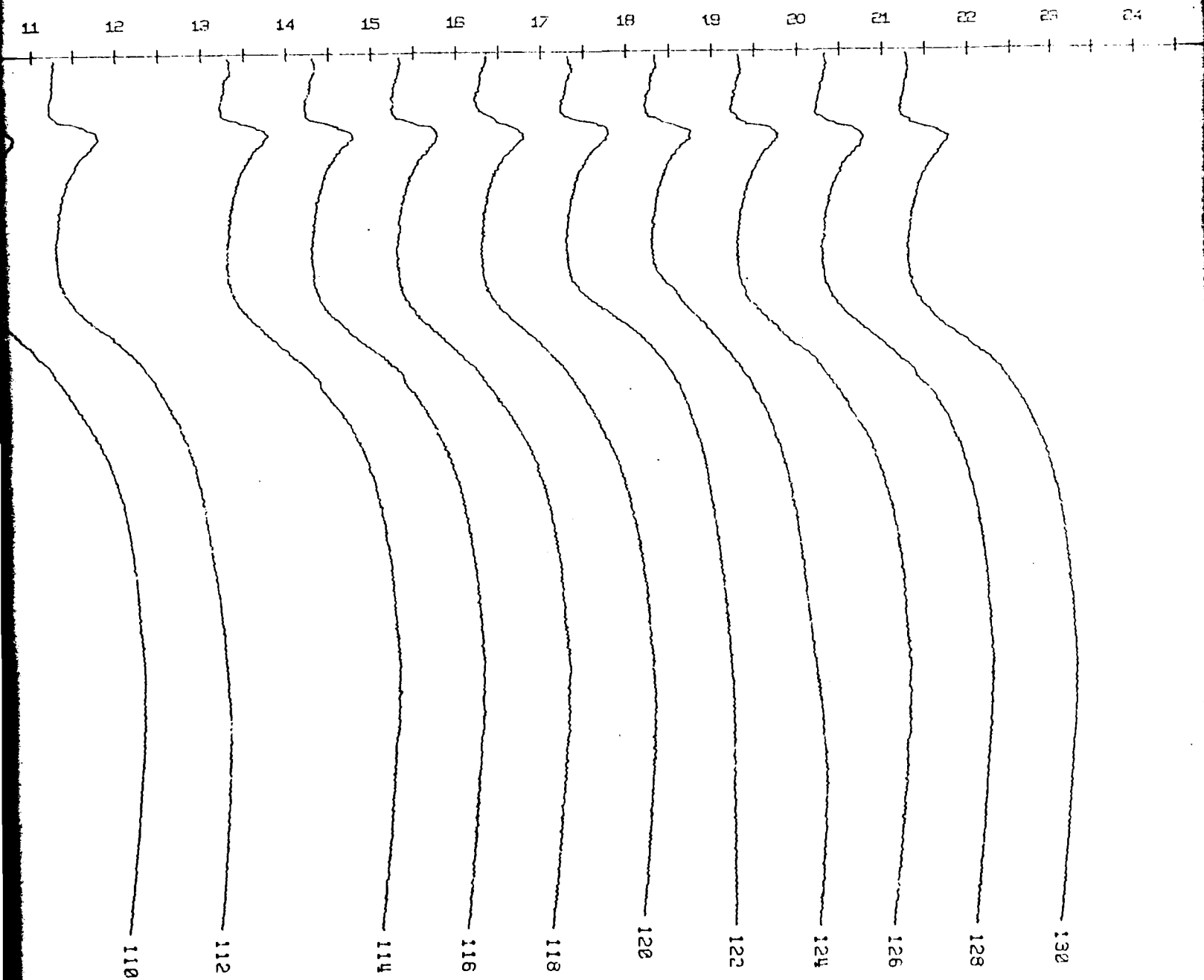


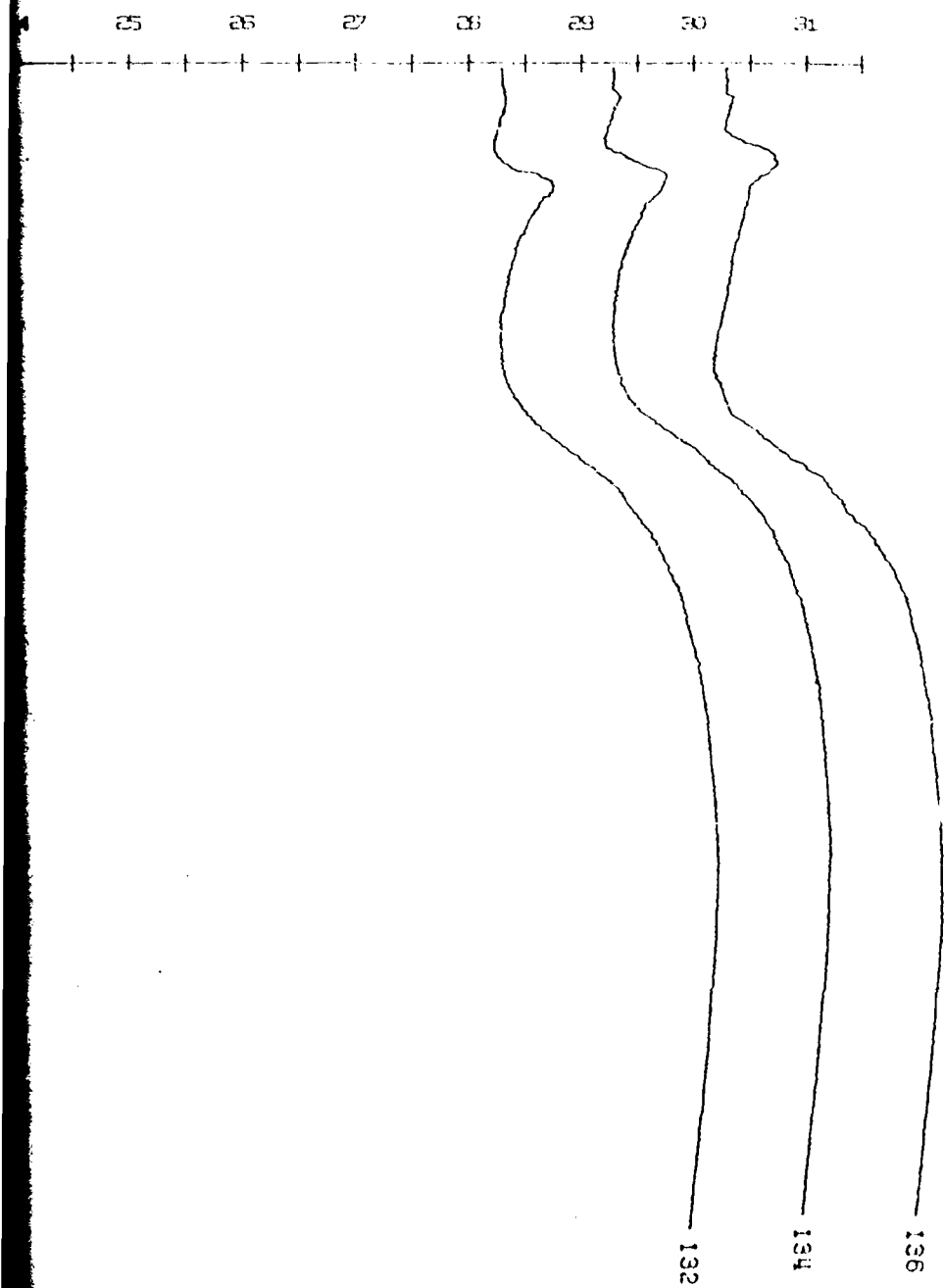


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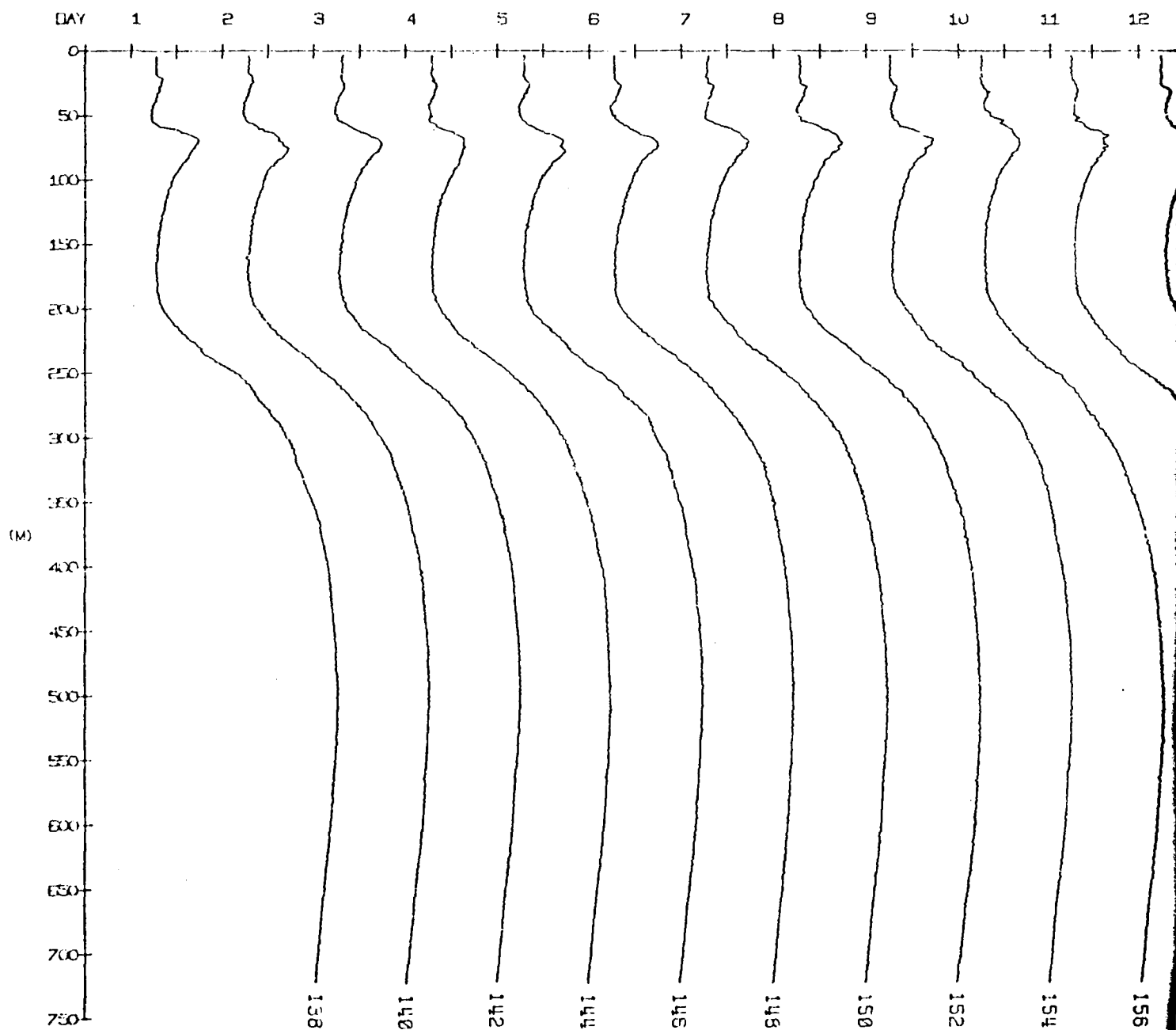


TEMPERATURE PROFILES AT CAMP SNOWBIRD
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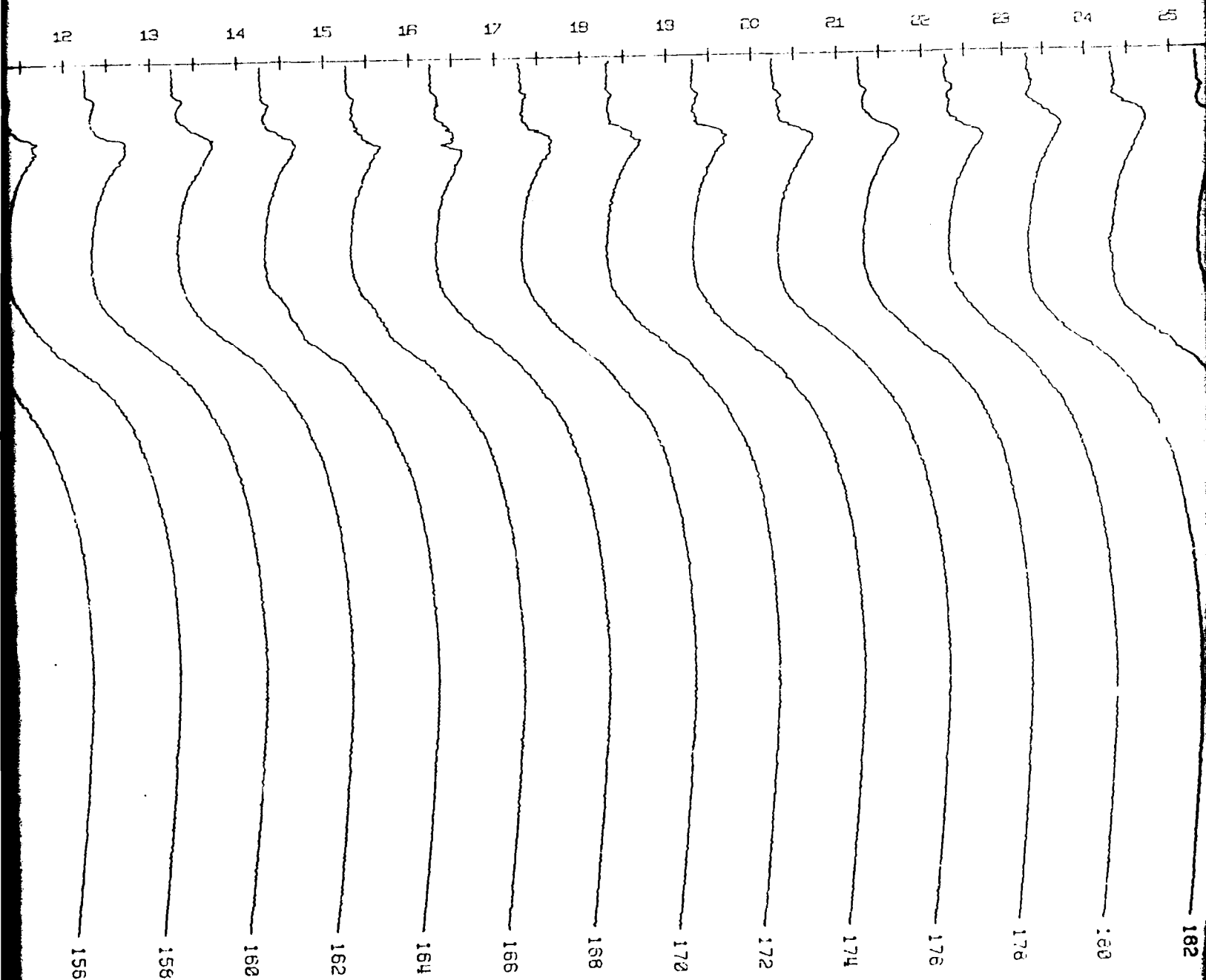




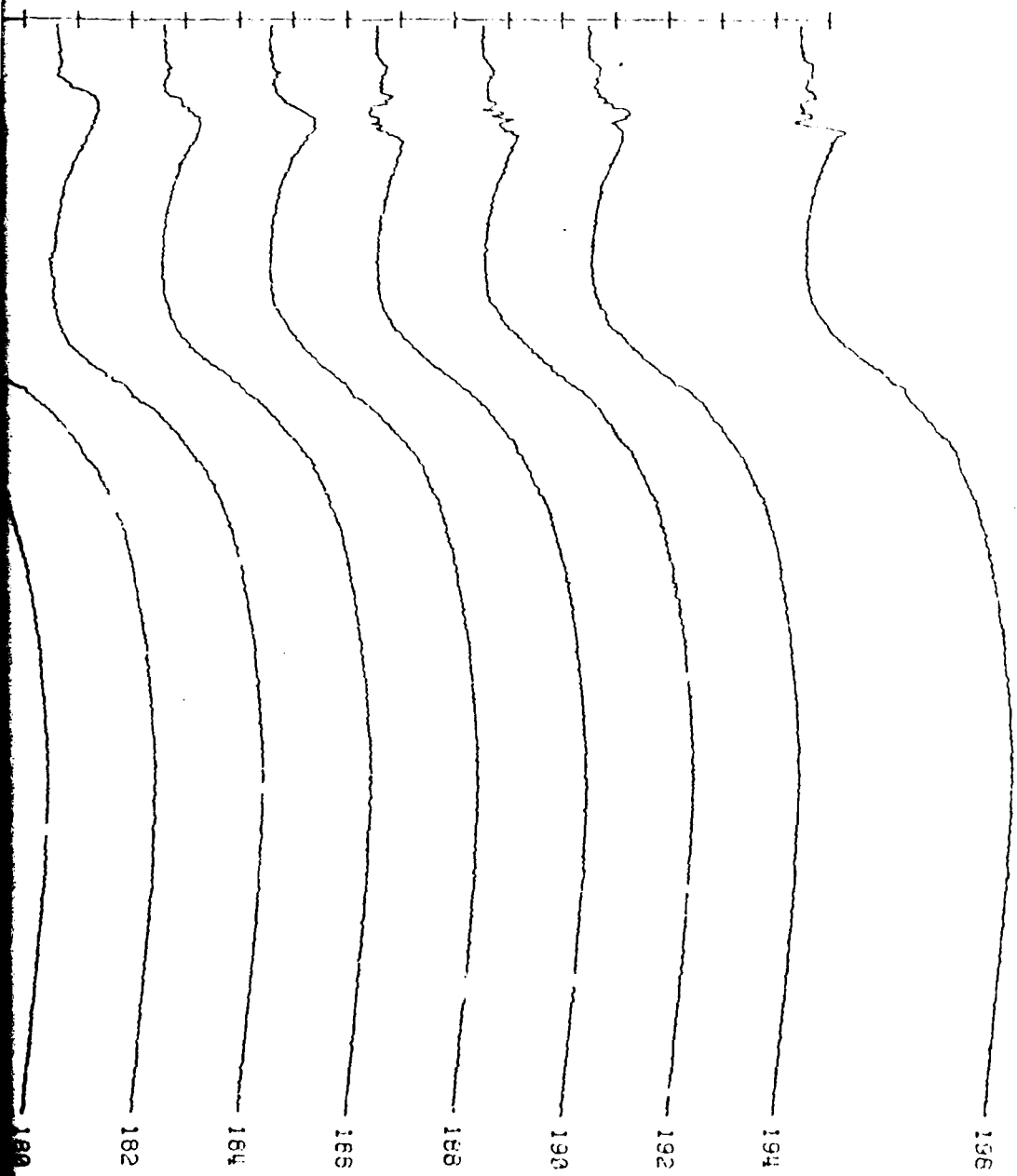
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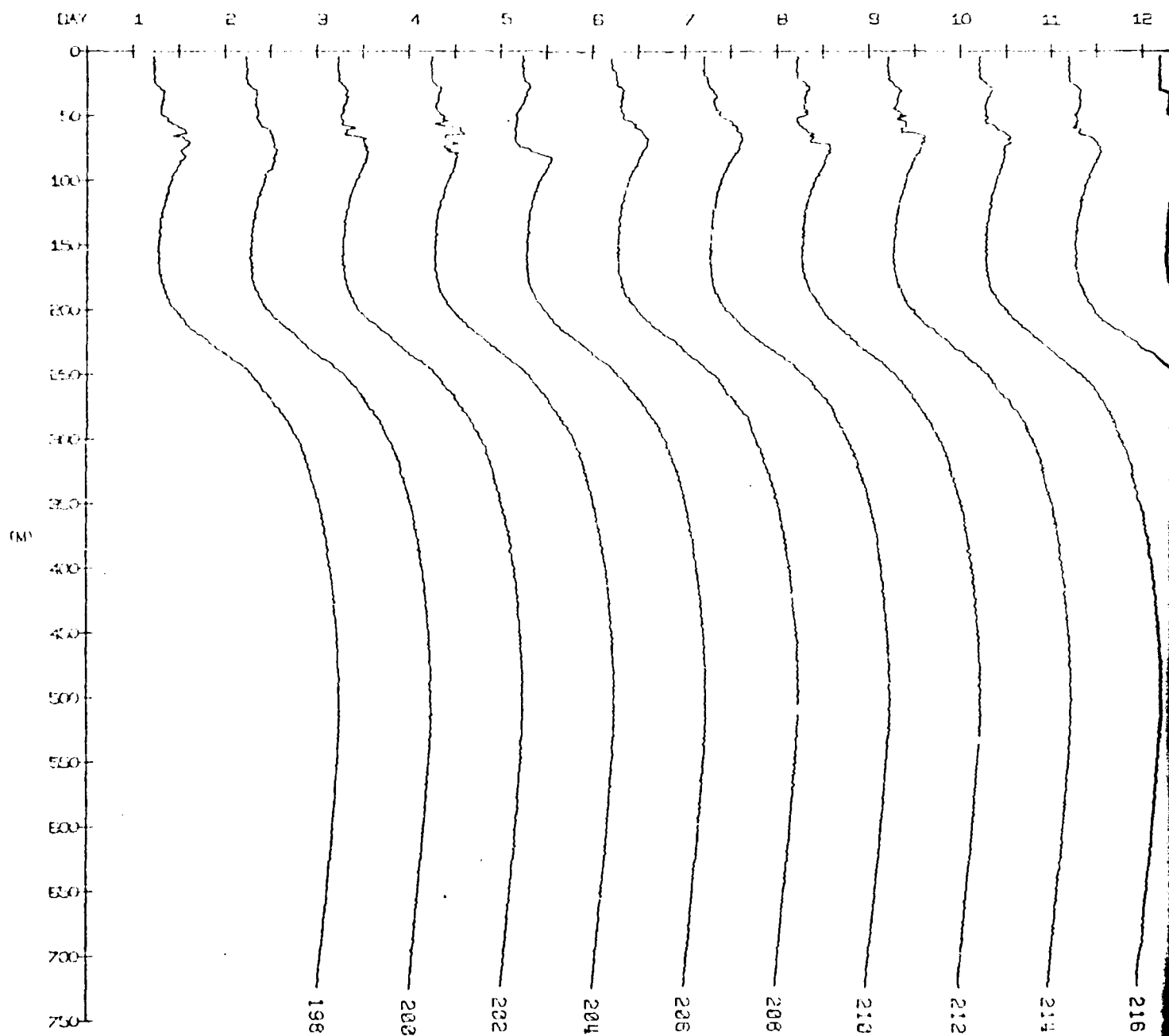
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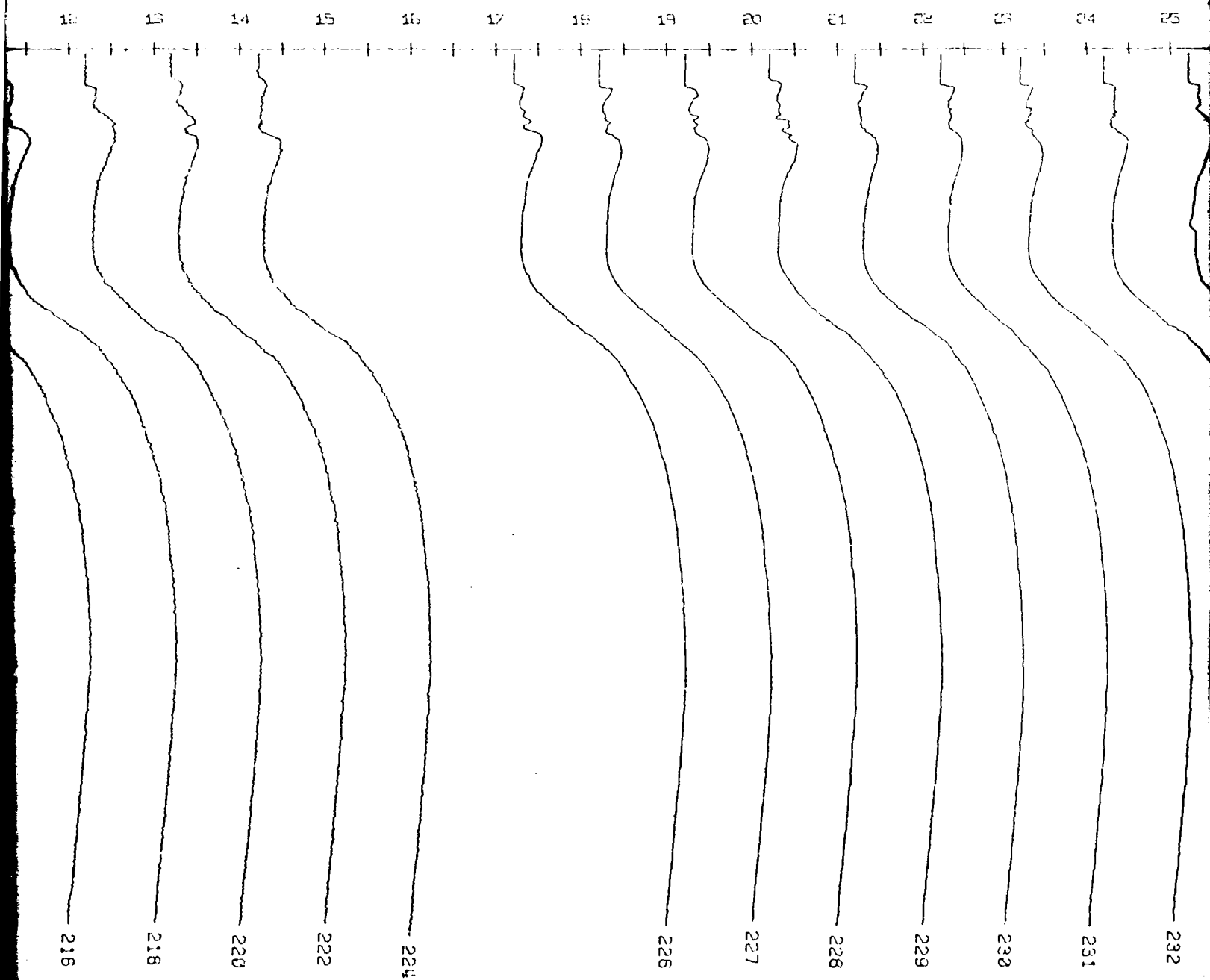
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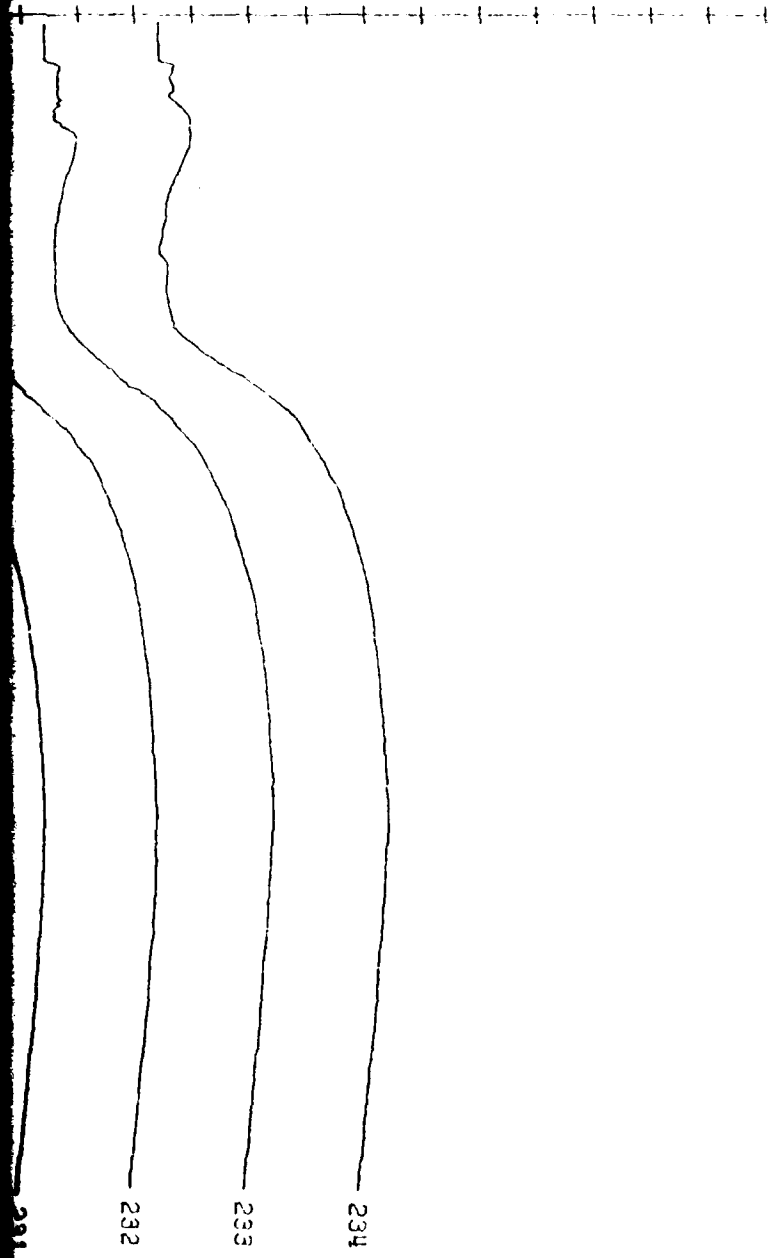
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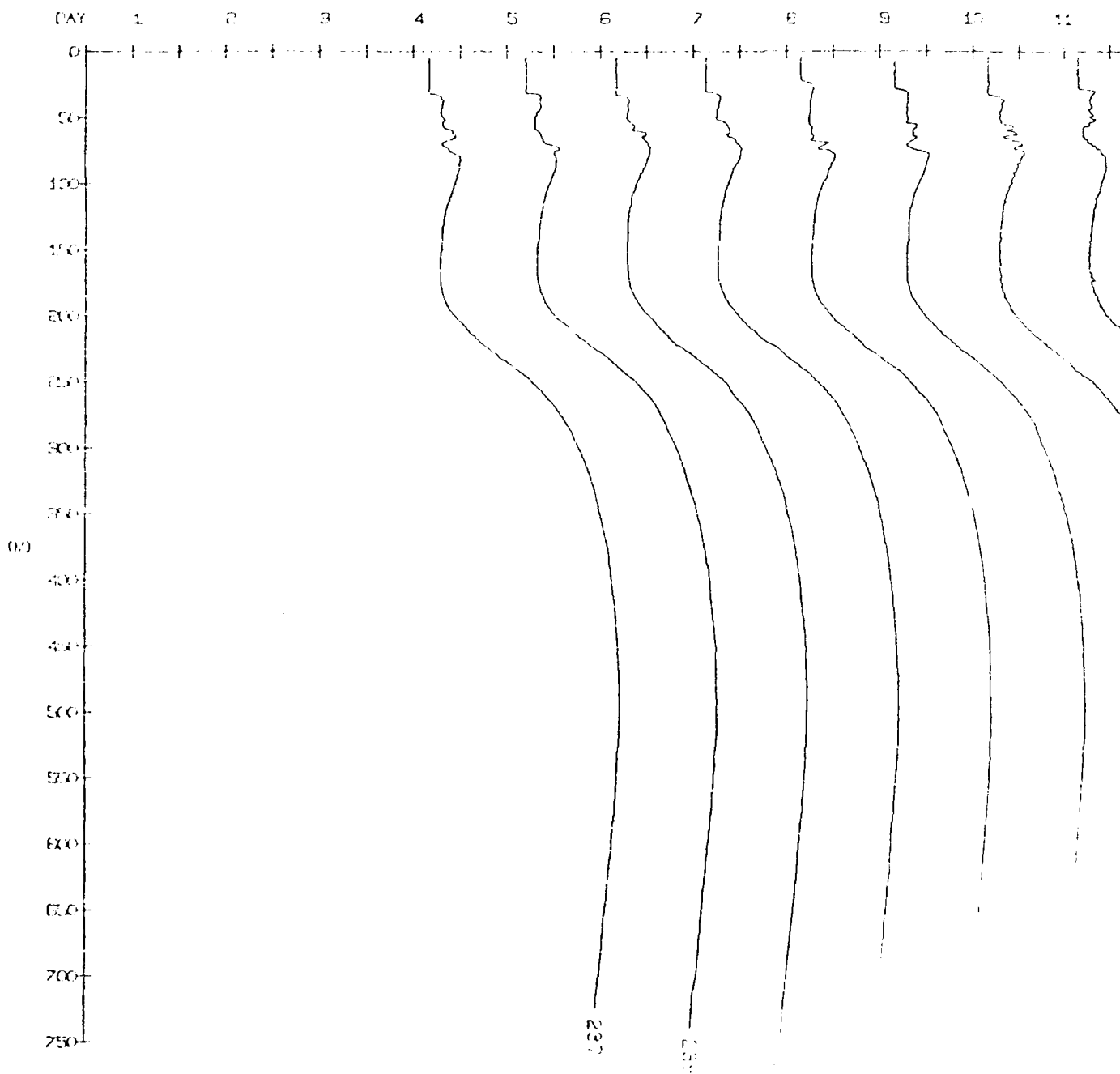
TEMPERATURE PROFILES AT CAMP SNOWBIRD
SEP 1, 1975 TO SEP 30, 1975



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- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (0-1-2-3-4-5)
- TEMPERATURE SCALE GIVE IN RIGHT 1 DIVISION (0-5 DEGS. C) PER HALF DAY



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ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976.

PHYSICAL OCEANO--ETC(U)

FEB 80 E BAUER, K HUNKINS, Y O MANLEY

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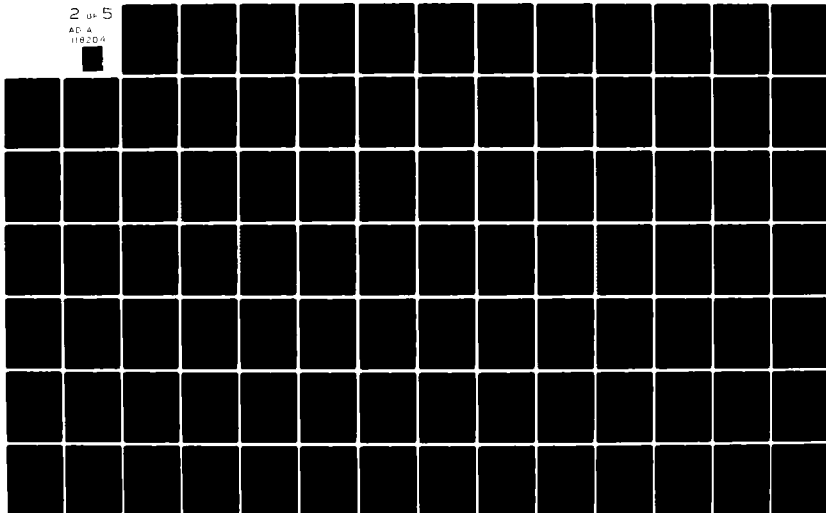
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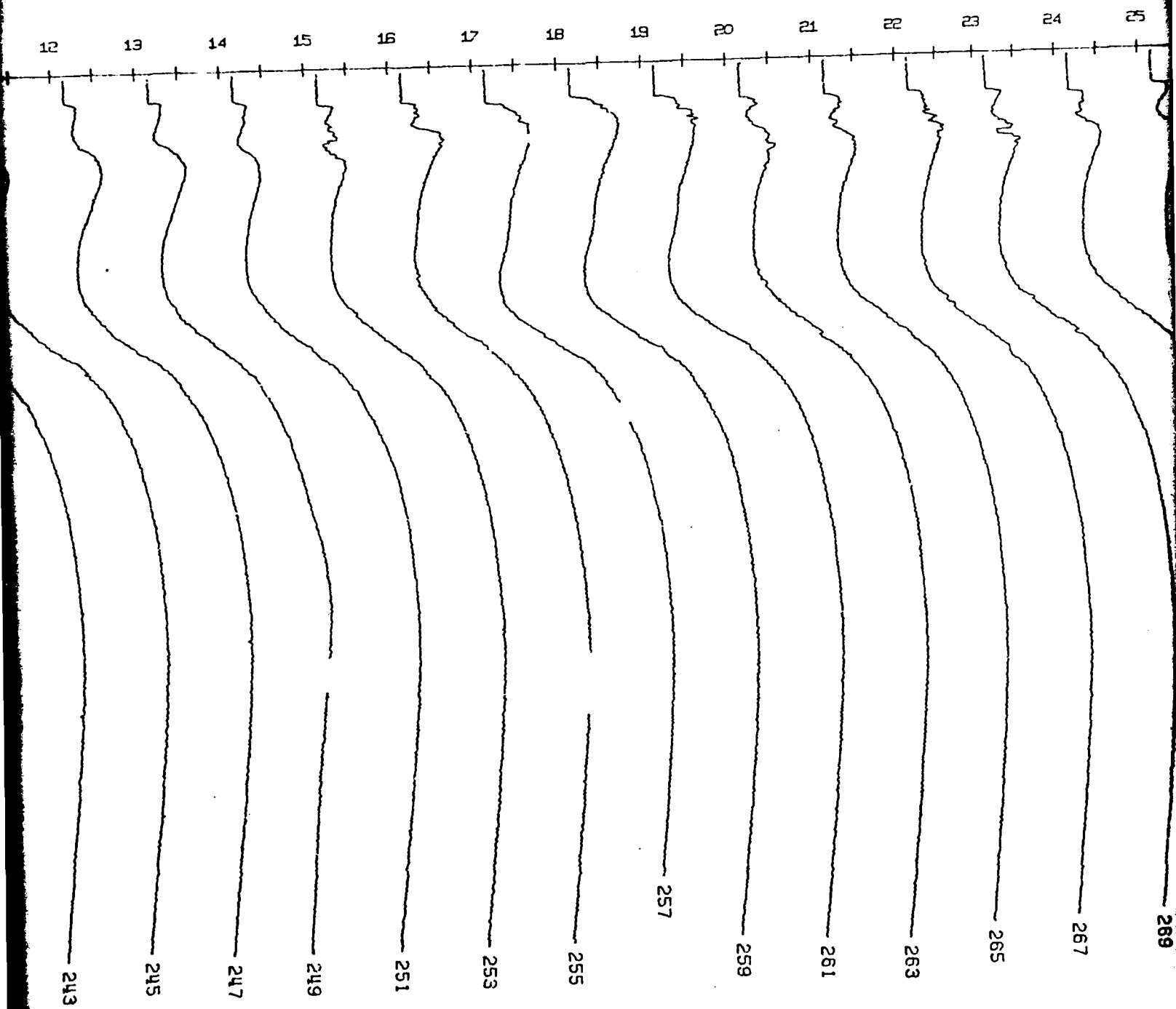
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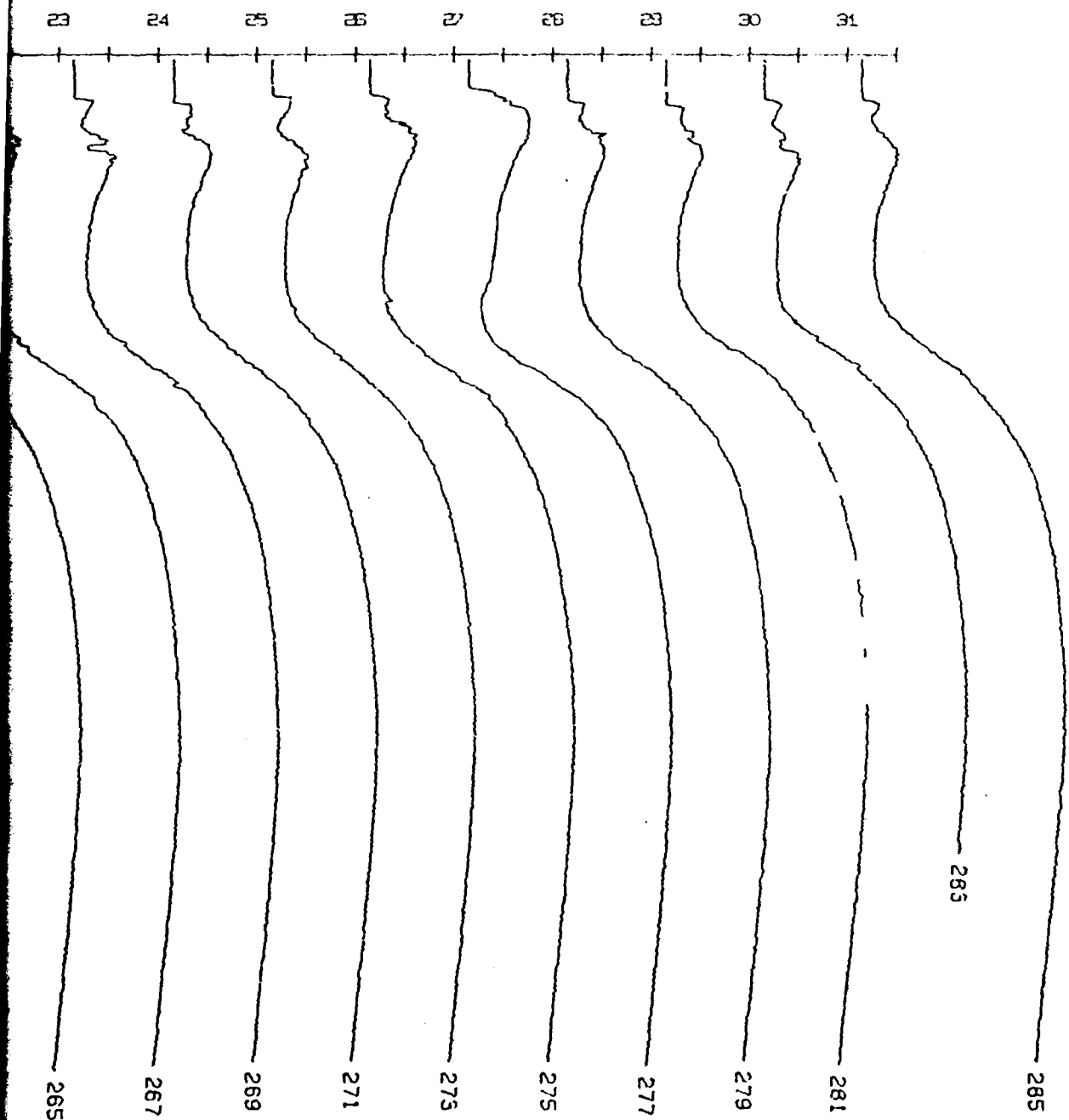
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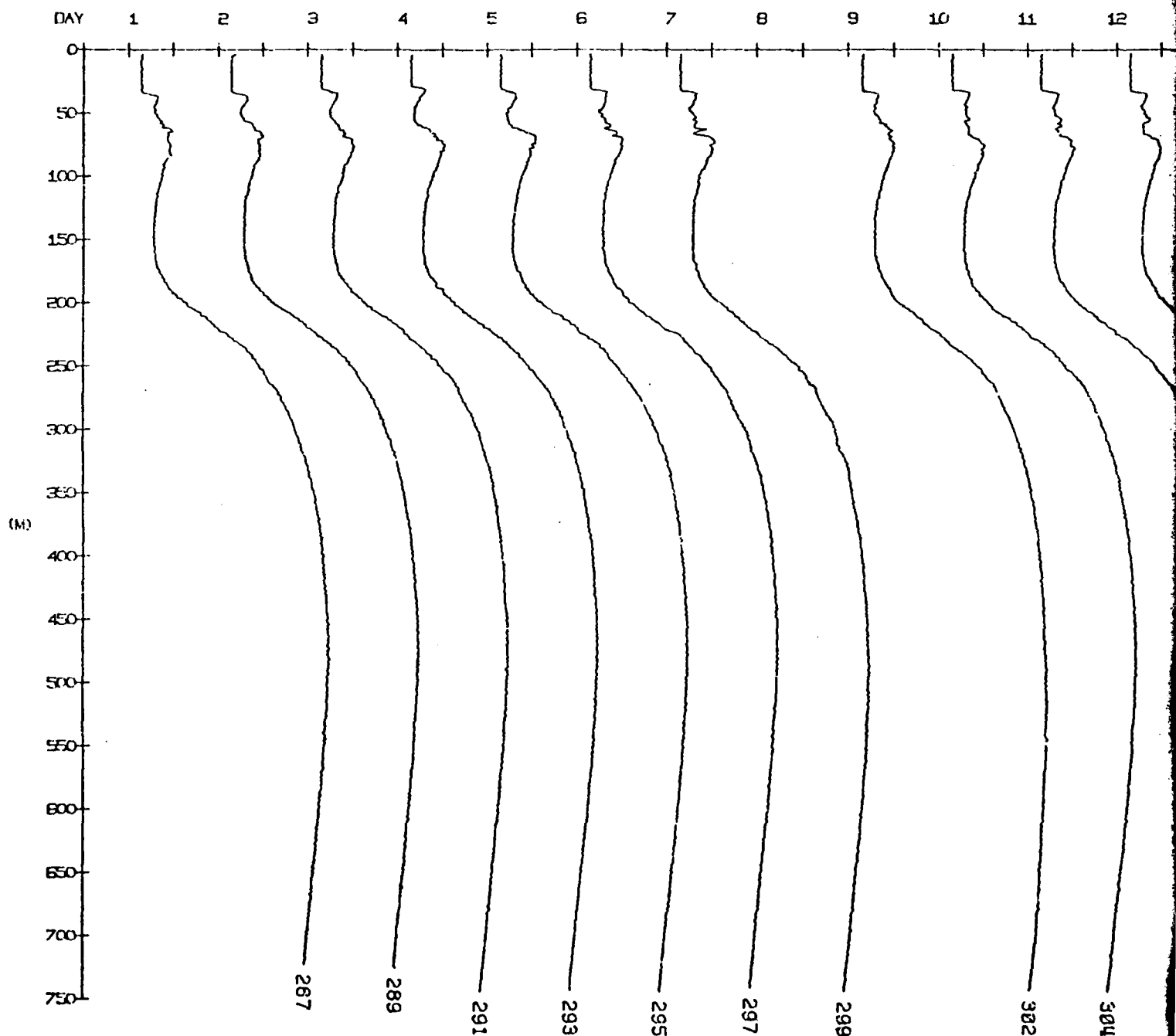
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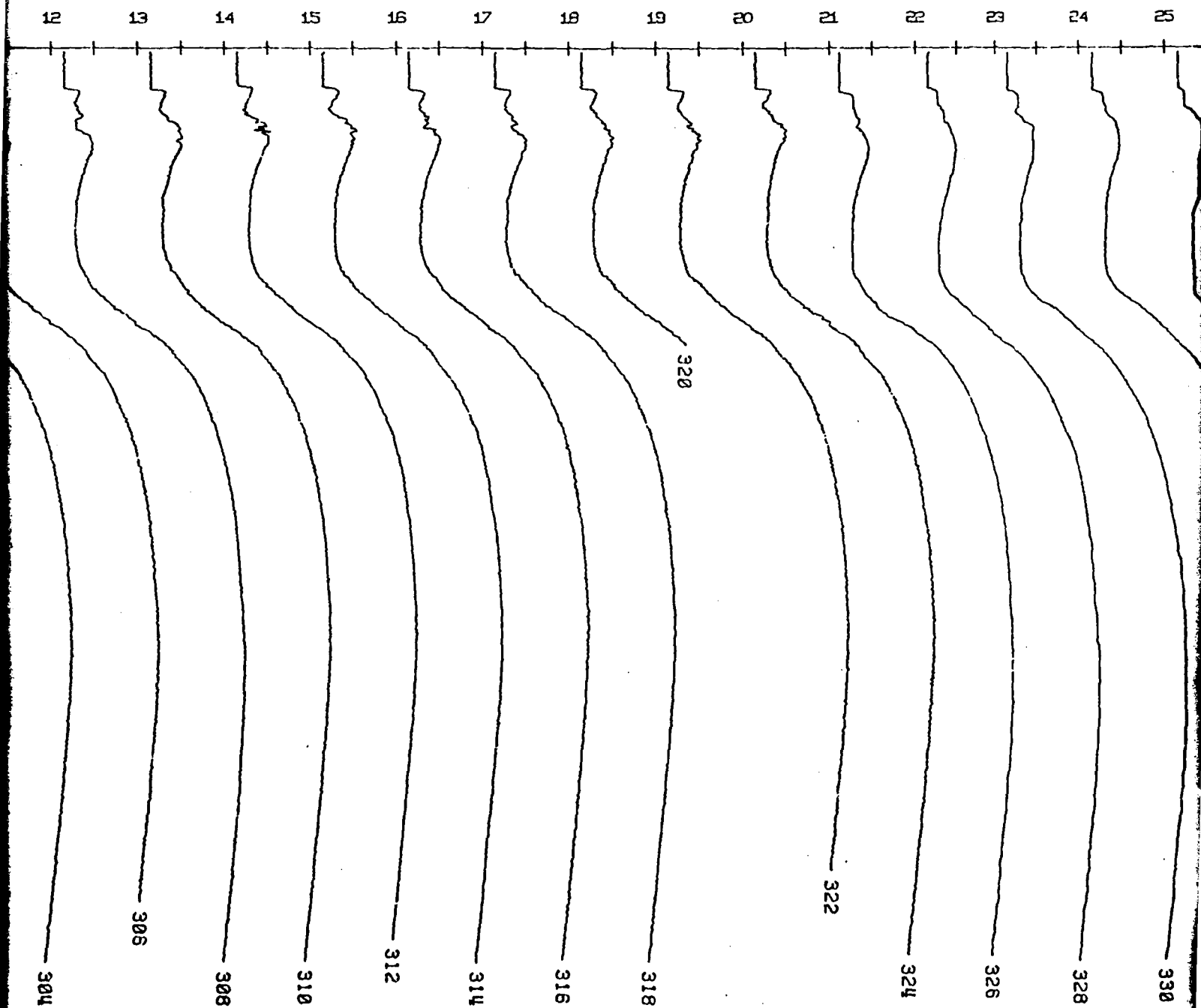
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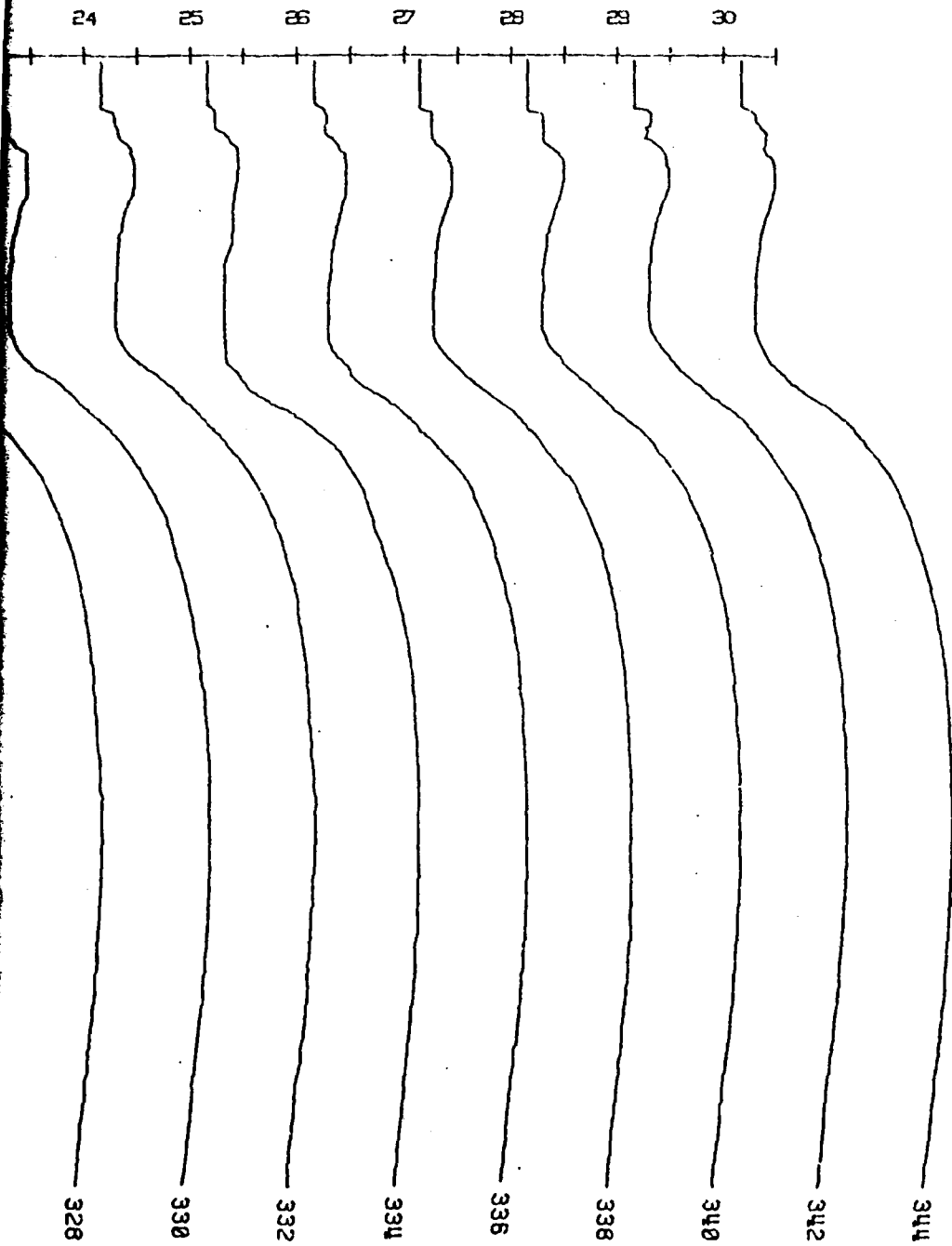
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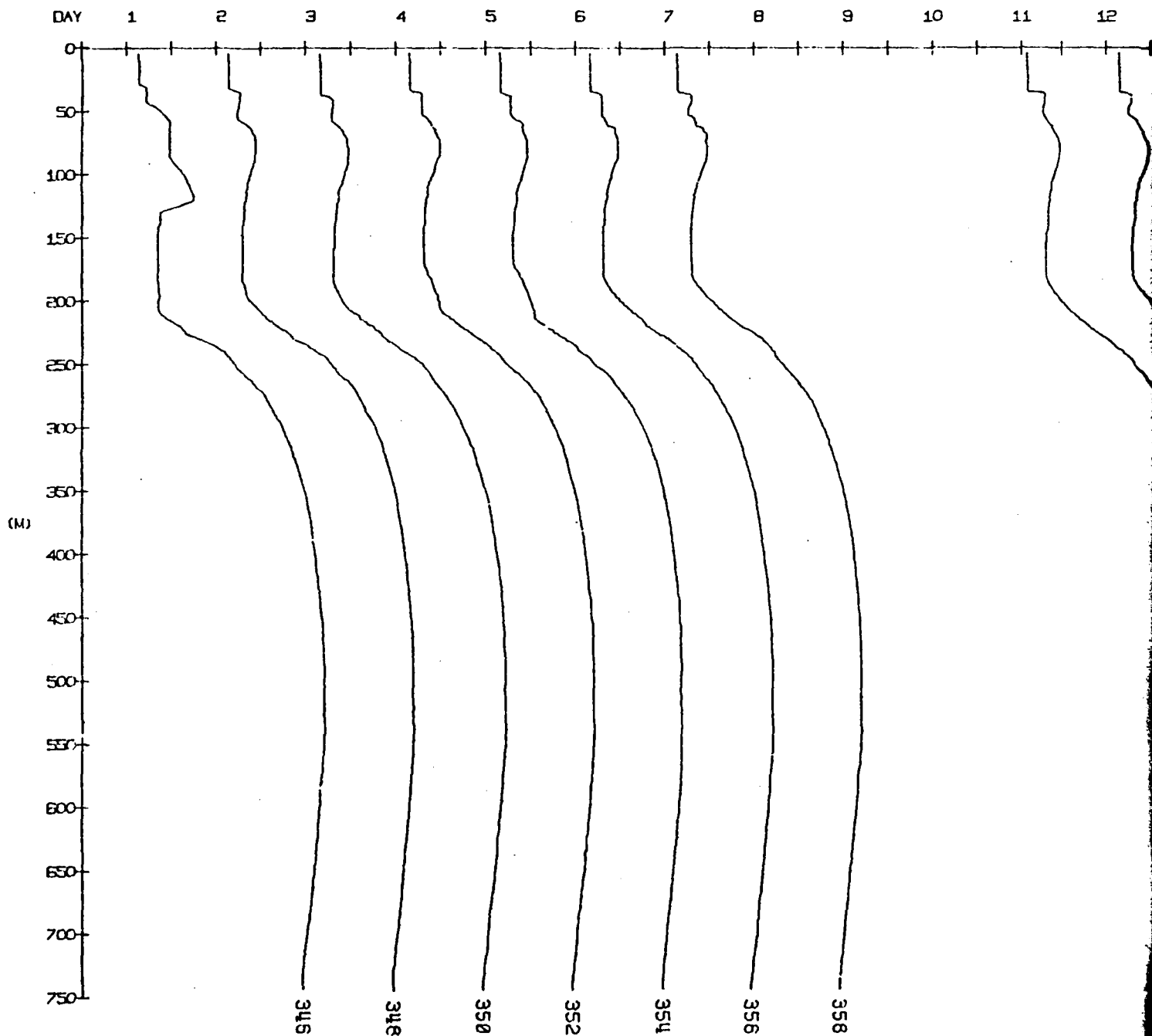
TEMPERATURE PROFILES AT CAMP SNOWBIRD

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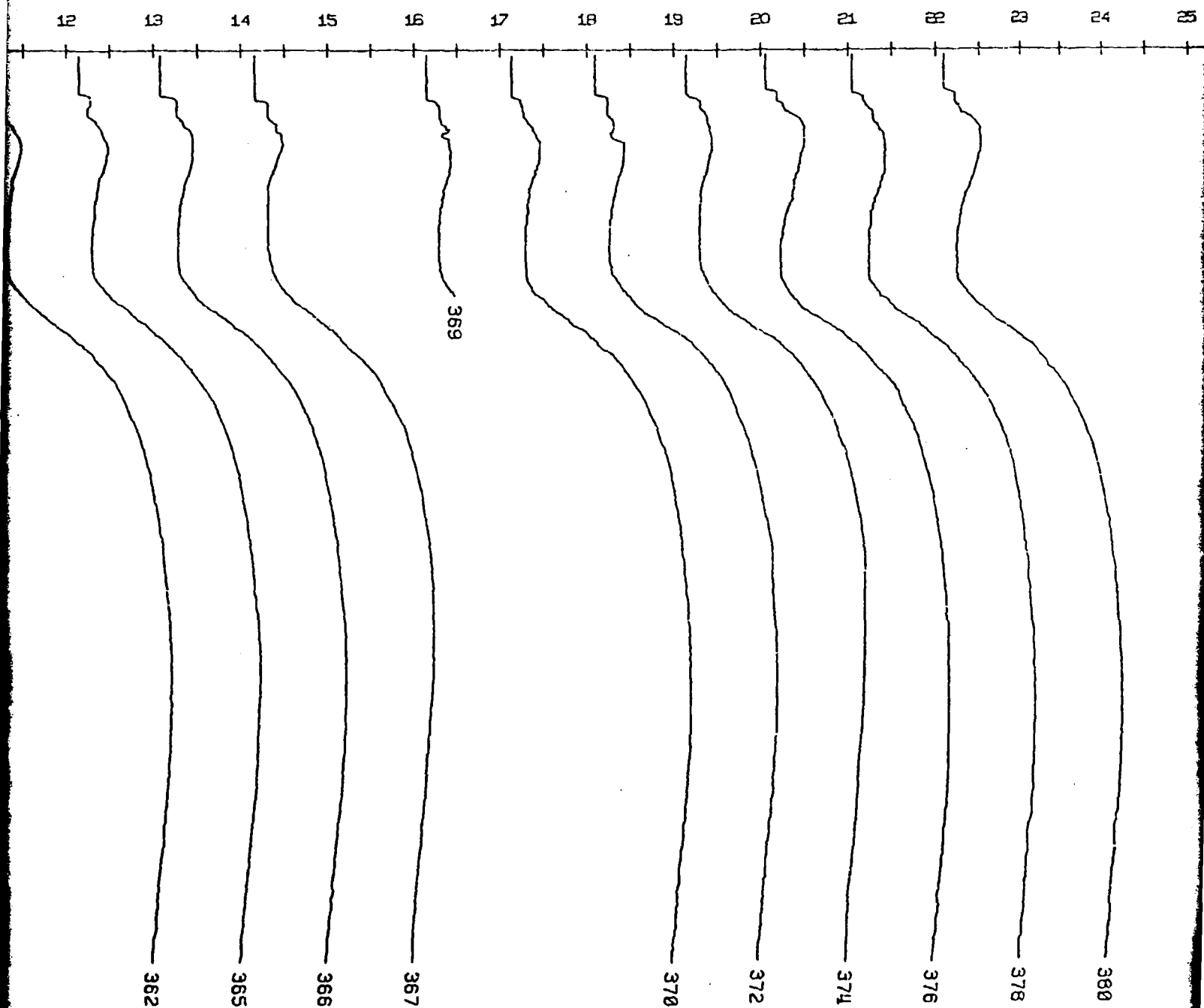


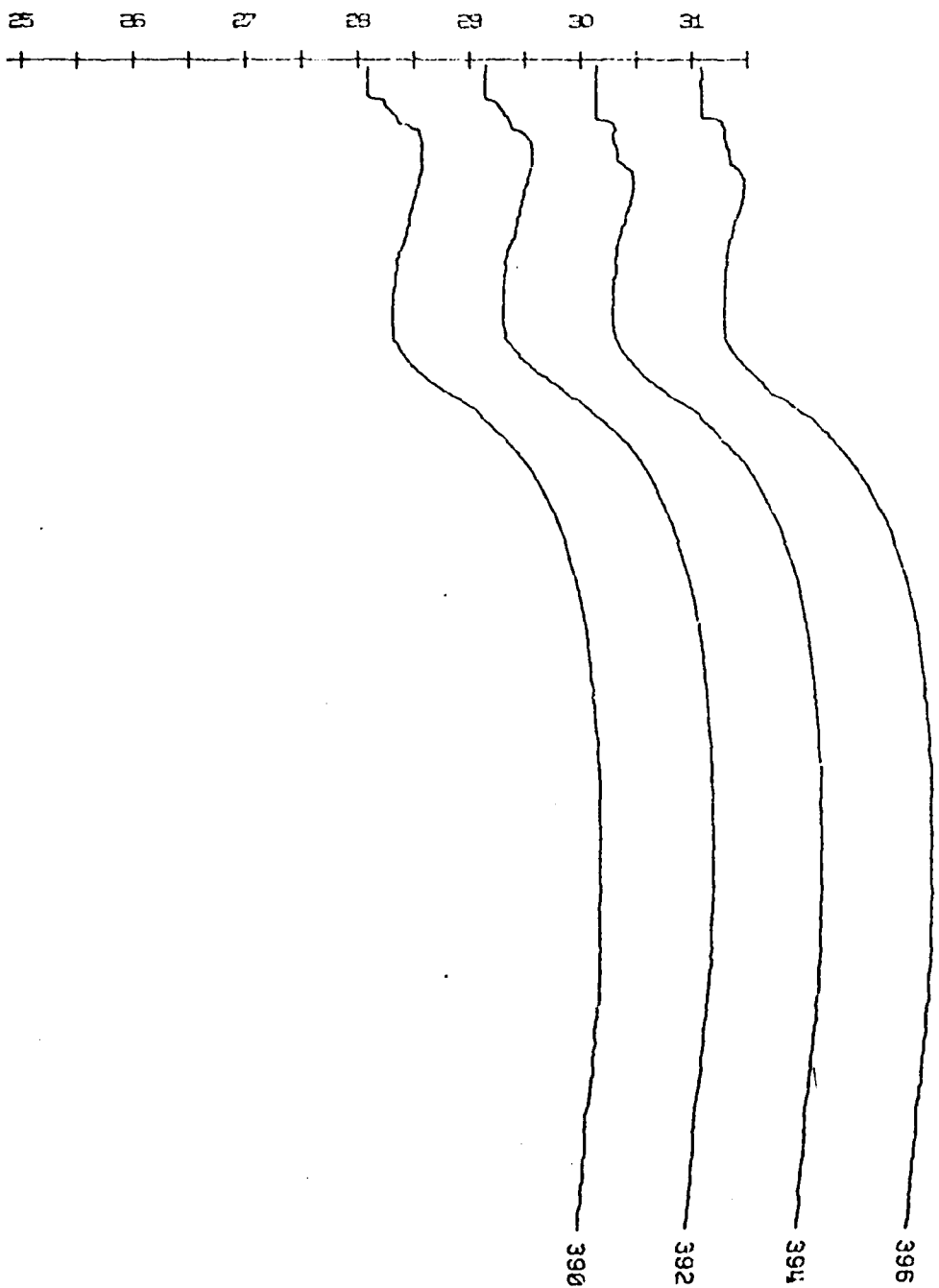


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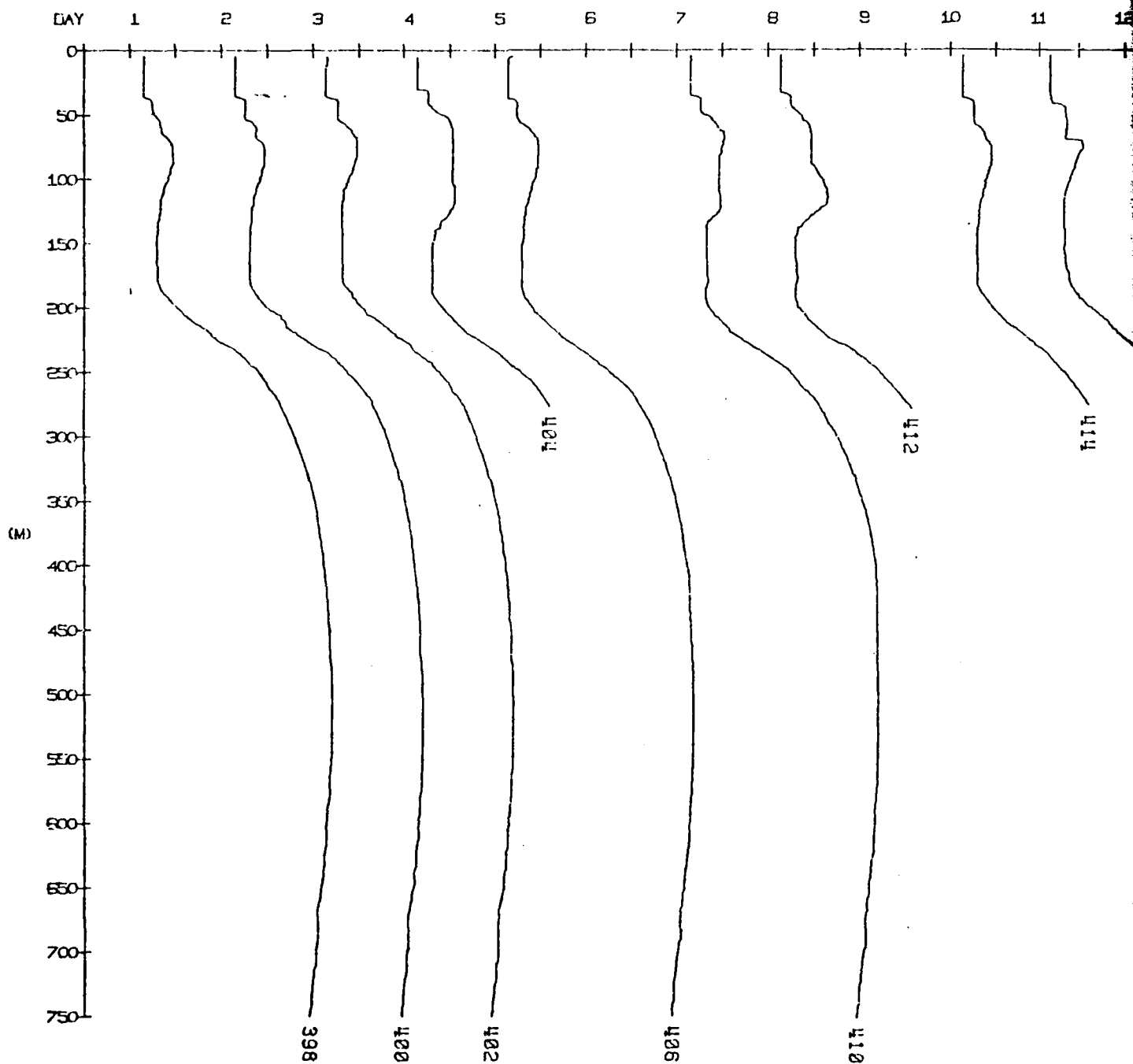


TEMPERATURE PROFILES AT CAMP SNOWBIRD
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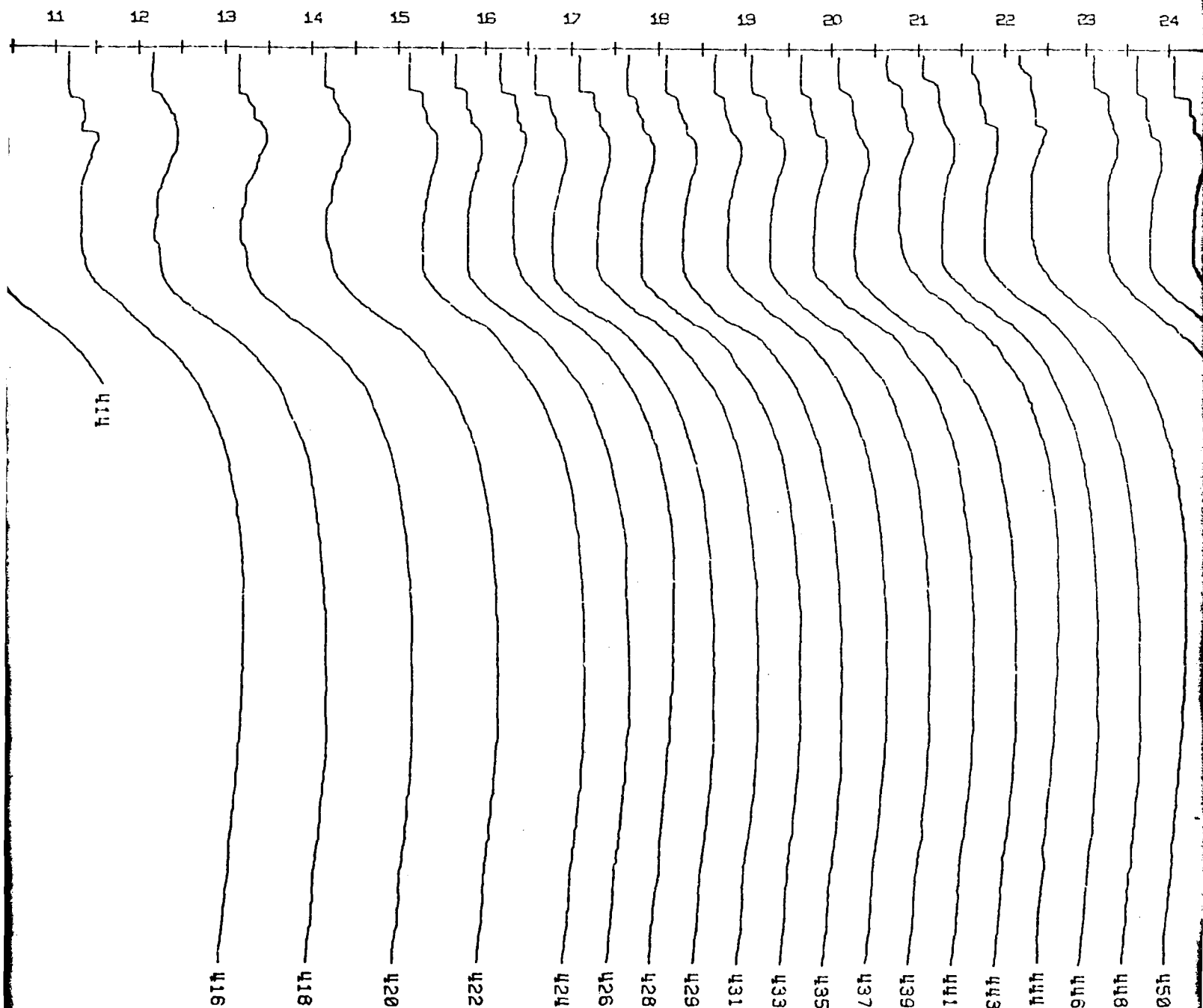


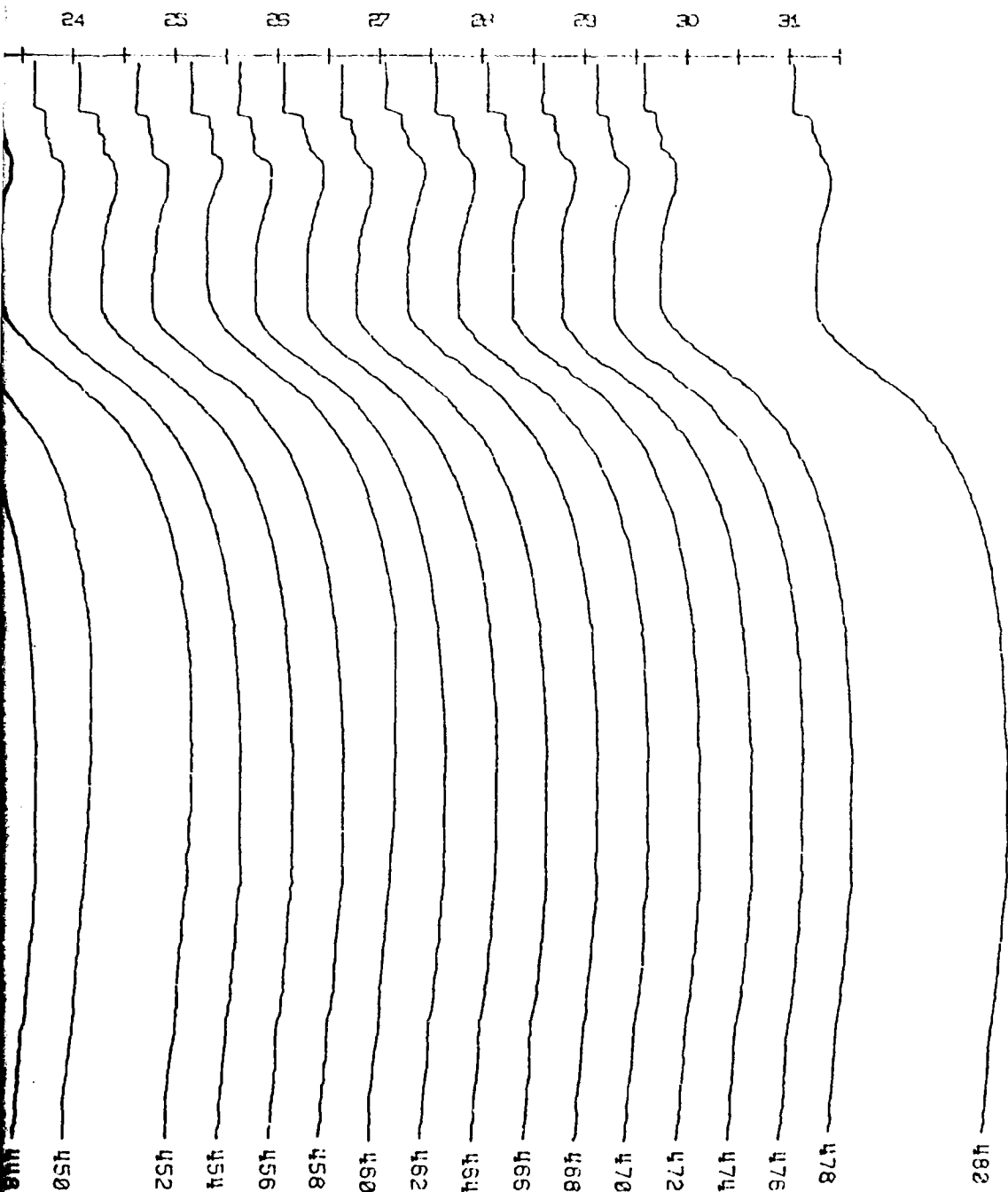


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
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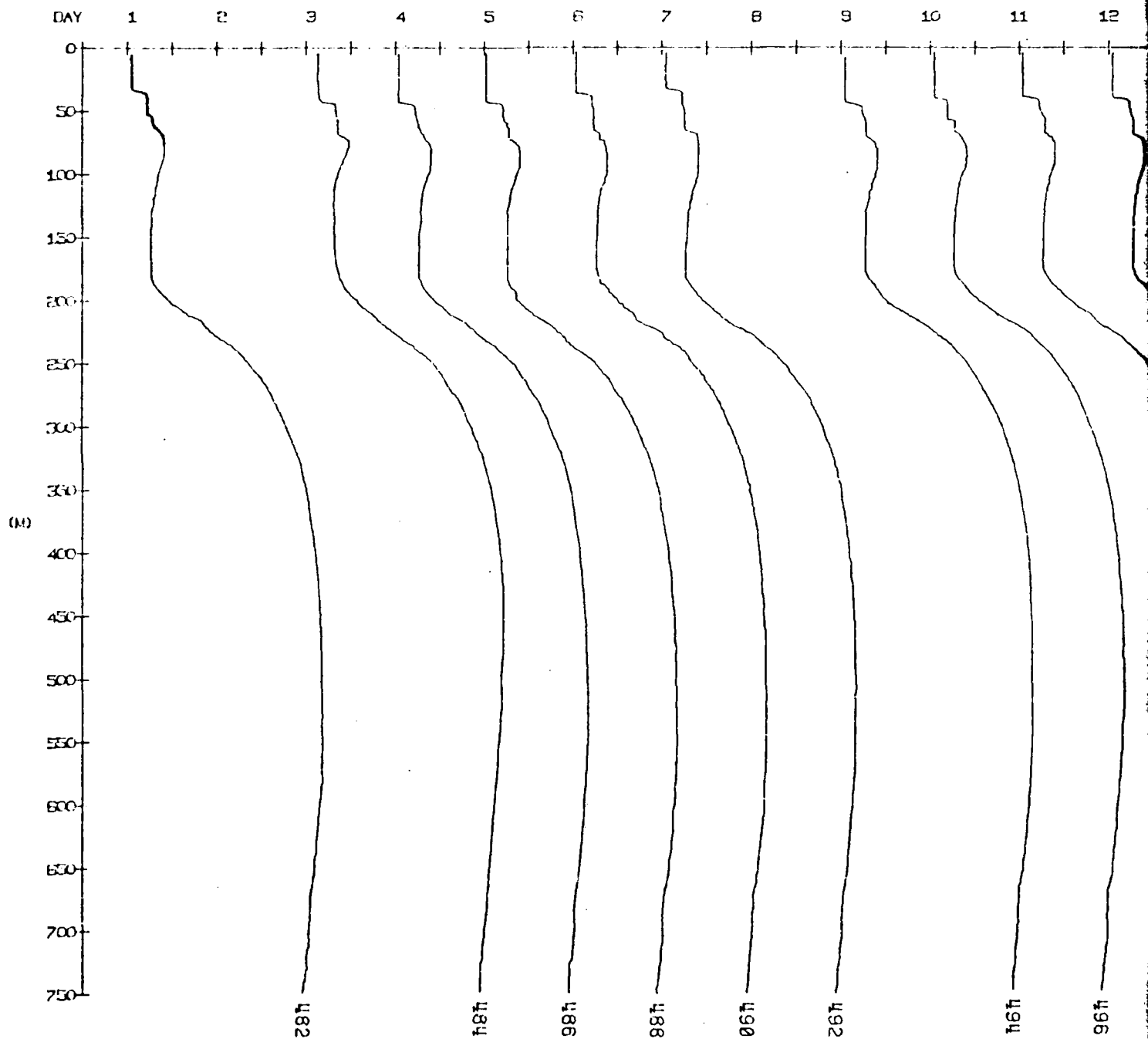
TEMPERATURE PROFILES AT CAMP SNOWBIRD
JAN 1, 1976 TO JAN 31, 1976



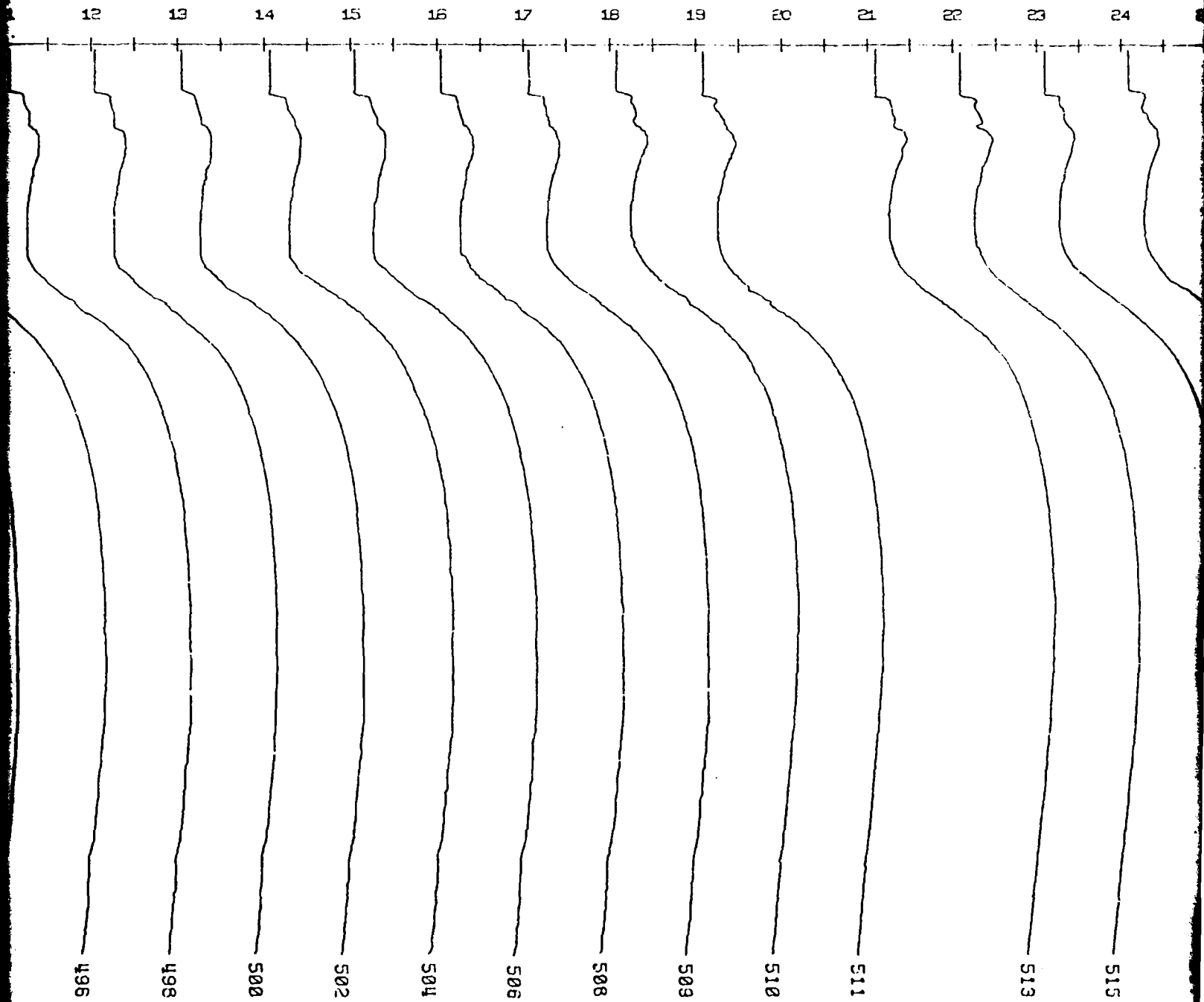


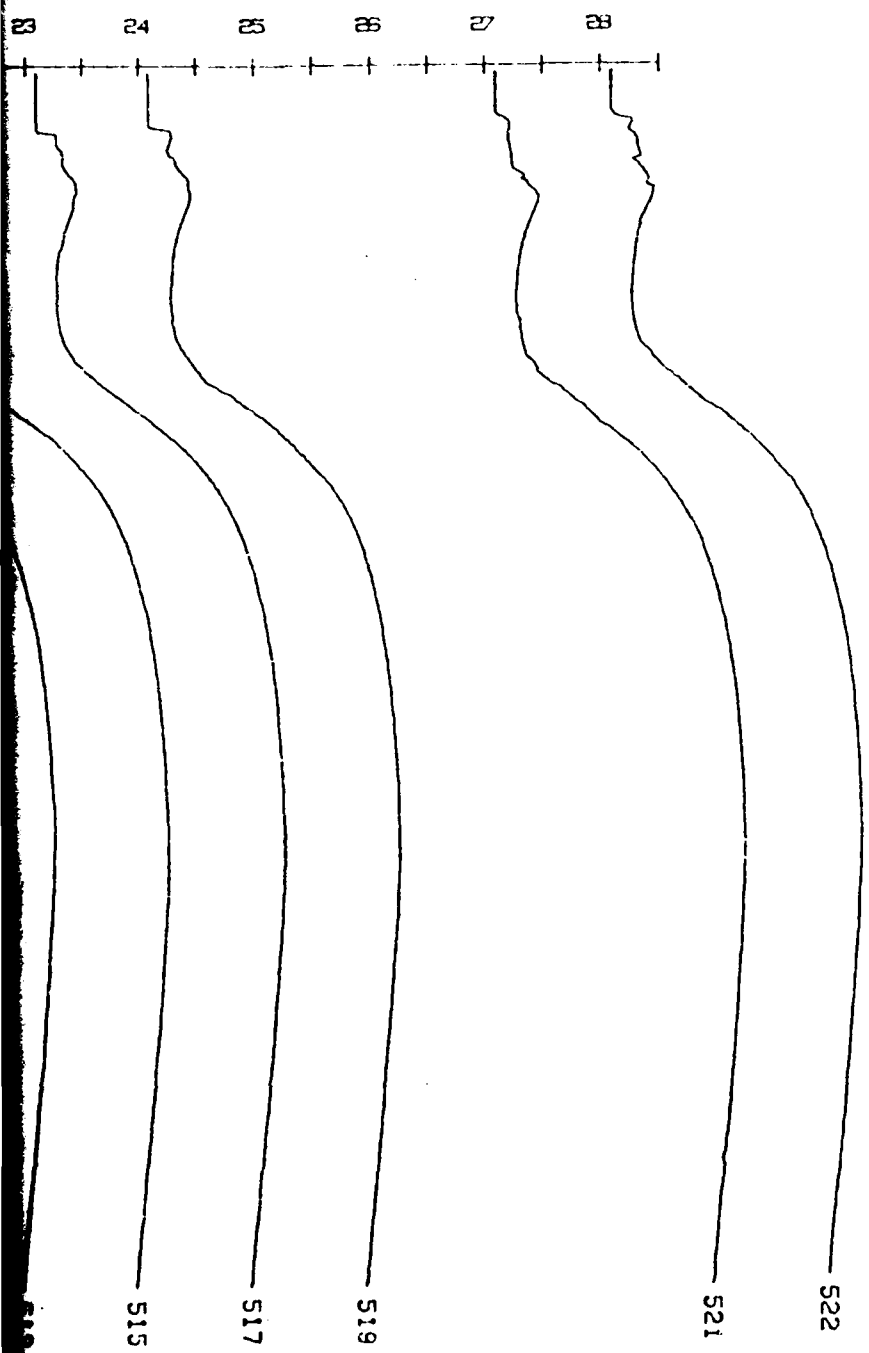
TEMPERAT FEB

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



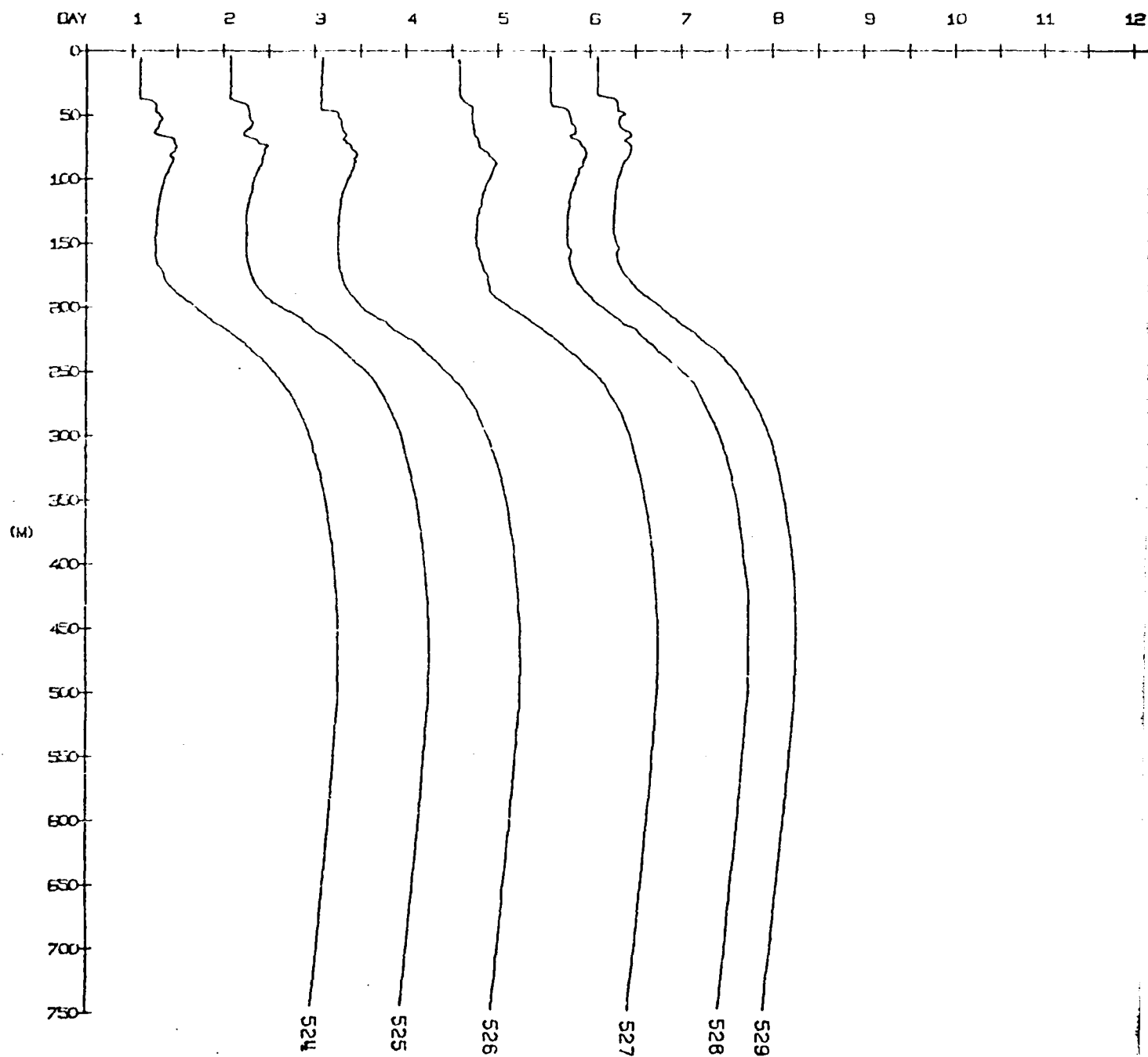
TEMPERATURE PROFILES AT CAMP SNOWBIRD
FEB 1, 1976 TO FEB 23, 1976





2)

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY



TEMPERATURE PROFILES AT CAMP SNOWBIRD
MAR 1, 1976 TO MAR 31, 1976

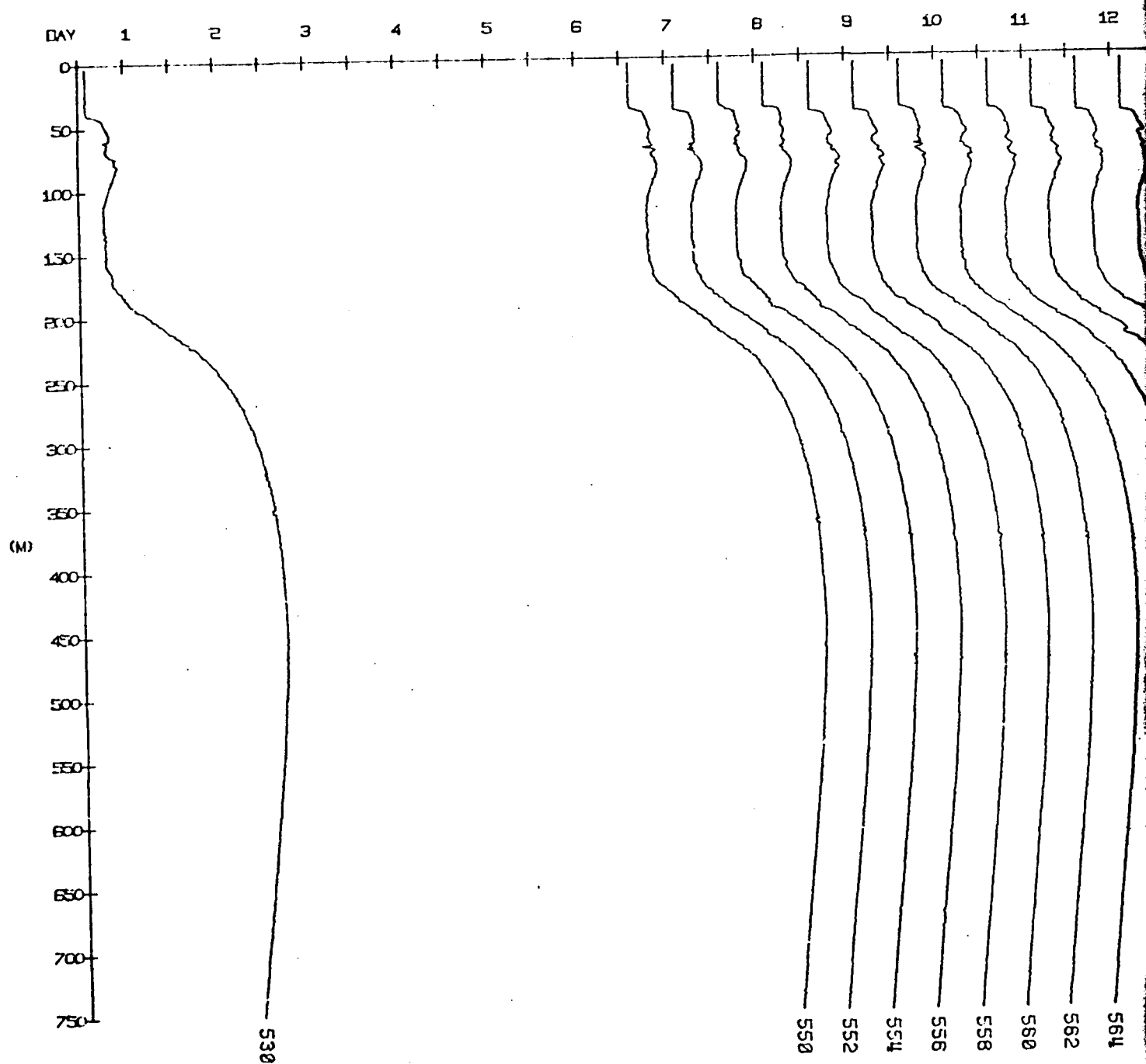
12 13 14 15 16 17 18 19 20 21 22 23 24 25



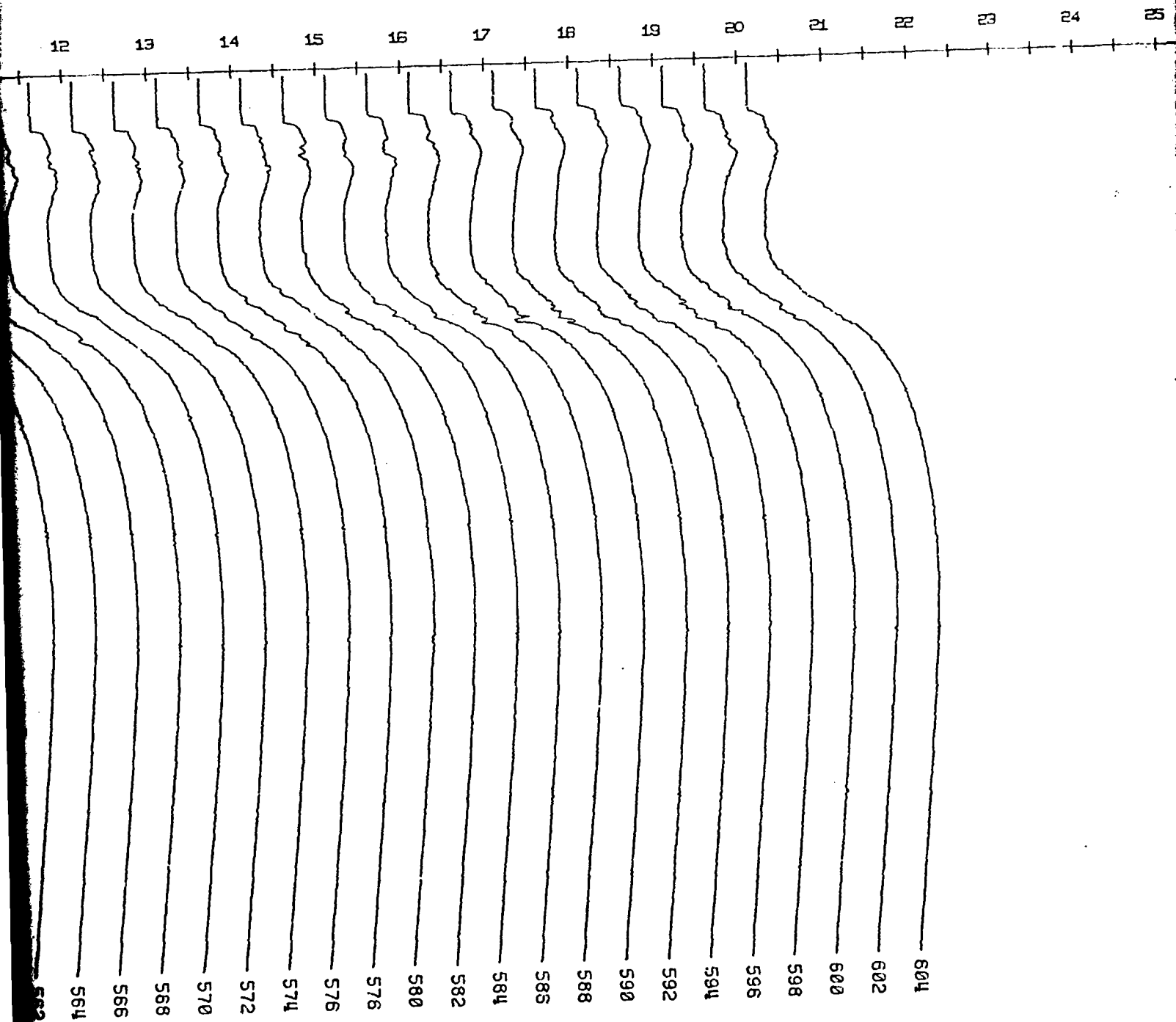
25 26 27 28 29 30 31

TEM

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (-1.8 DEG. C.)
- TEMPERATURE SCALE SHIFTS RIGHT 1 DIVISION (0.5 DEG. C.) PER HALF DAY

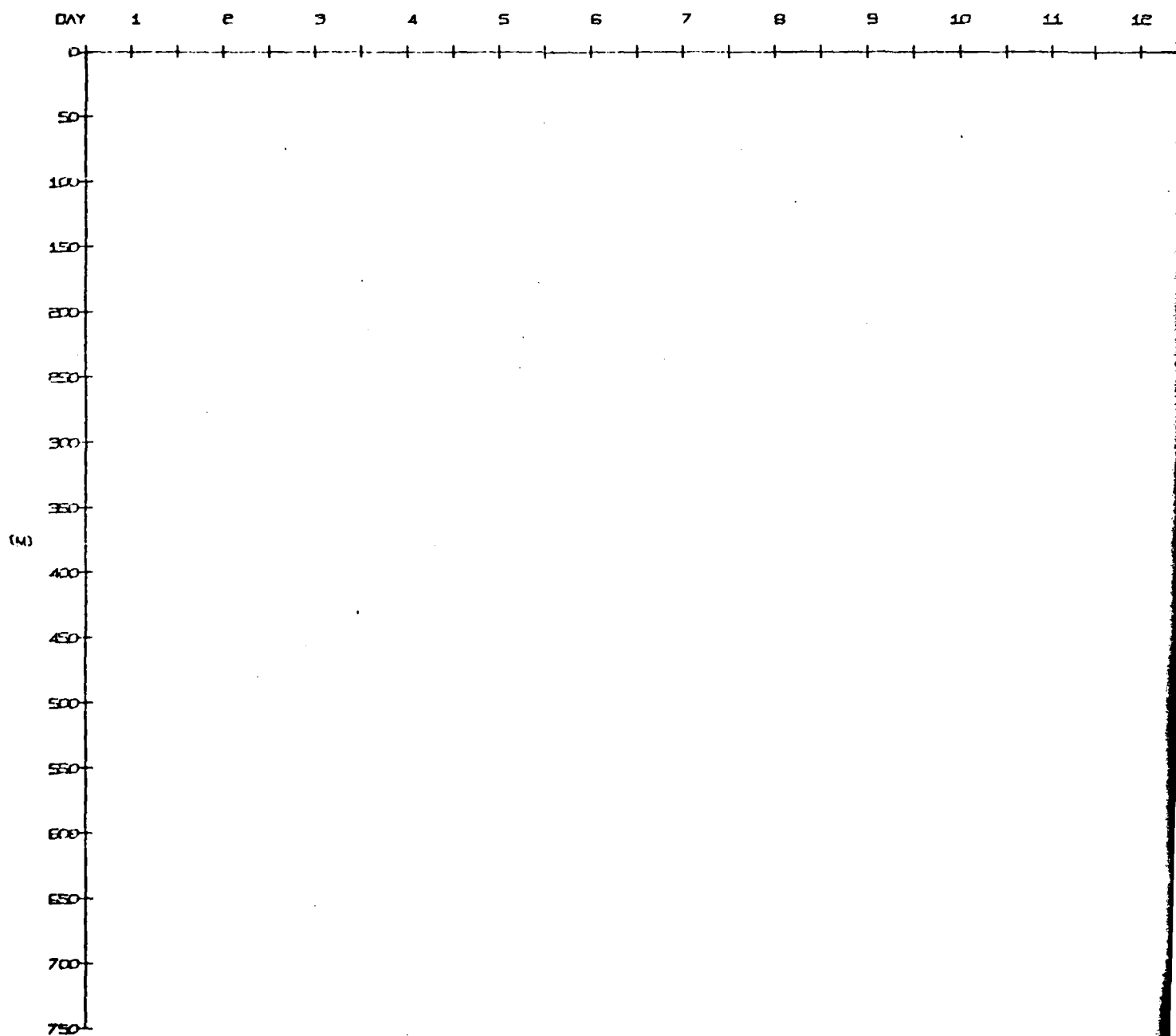


TEMPERATURE PROFILES AT CAMP SNOWBIRD
APR 1, 1976 TO APR 30, 1976



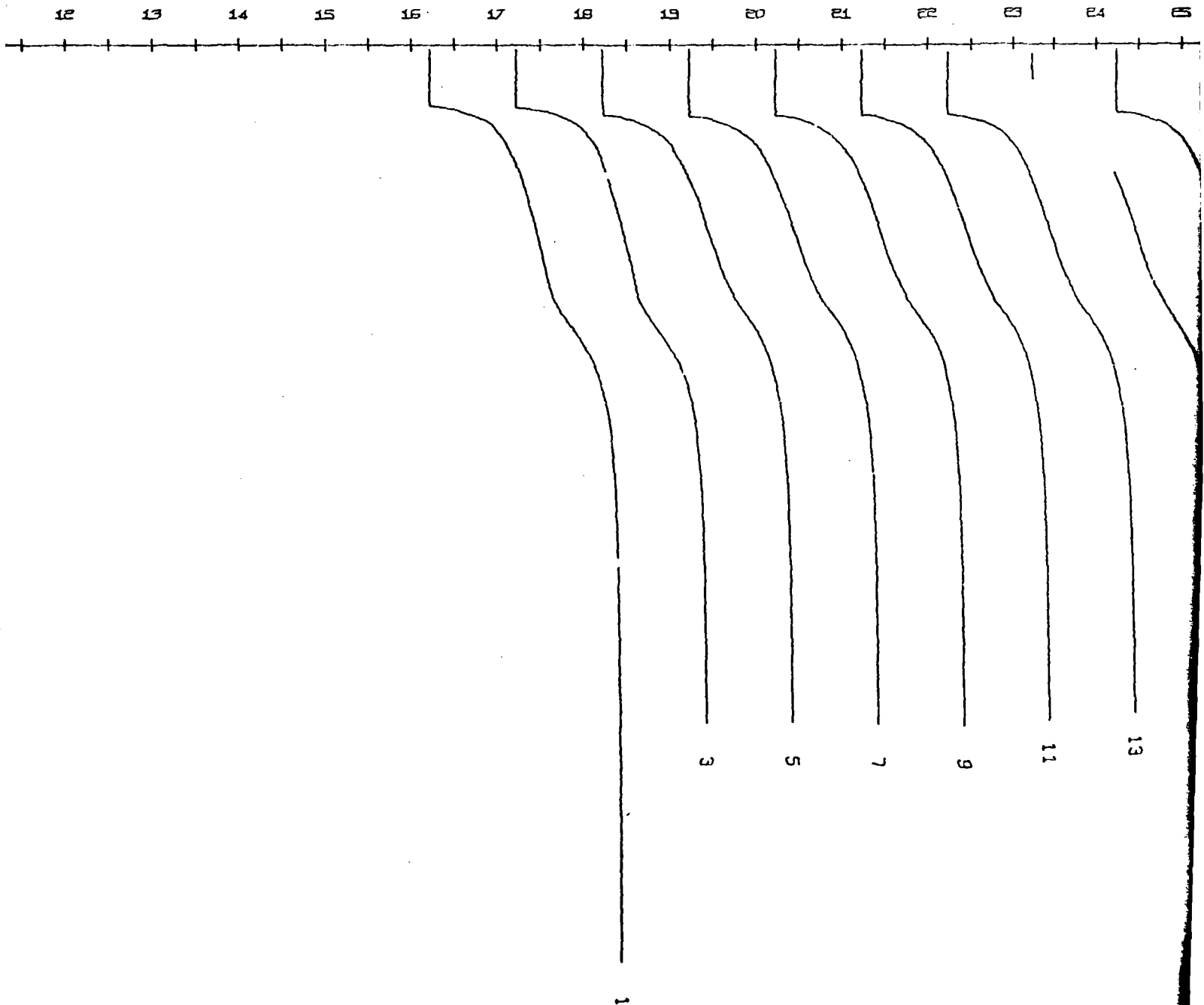
24 25 26 27 28 29 30

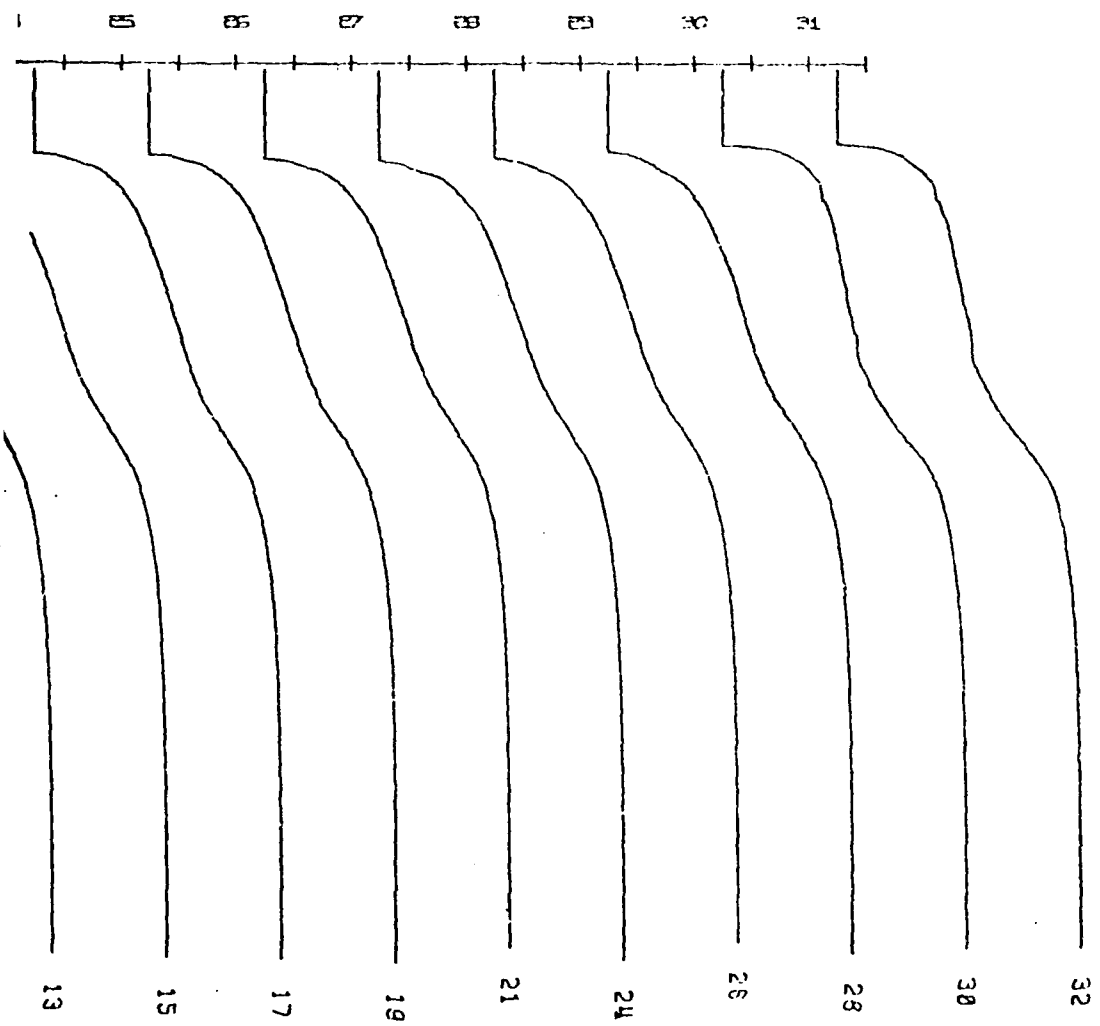
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP SNOWBIRD

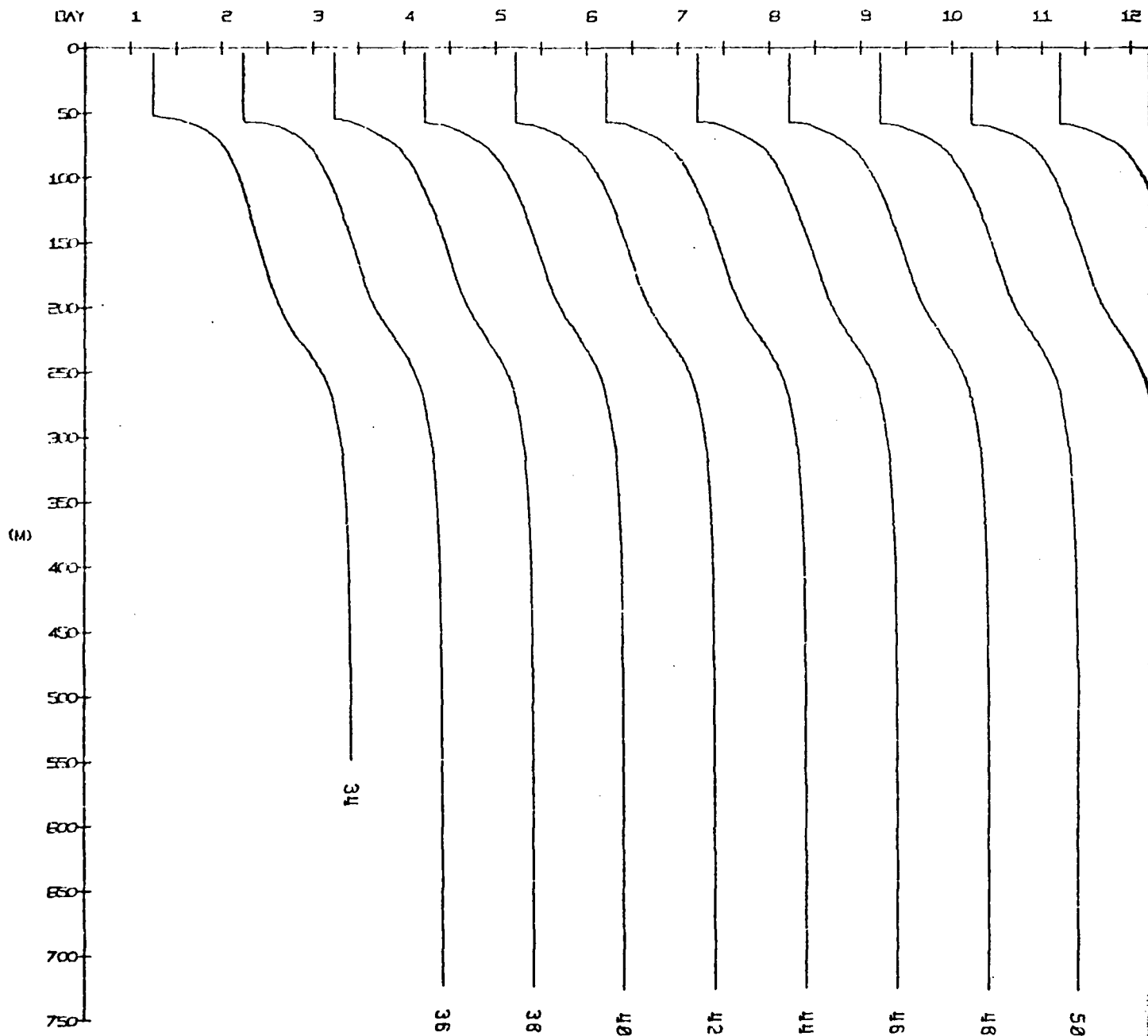
MAY 1, 1975 TO MAY 31, 1975



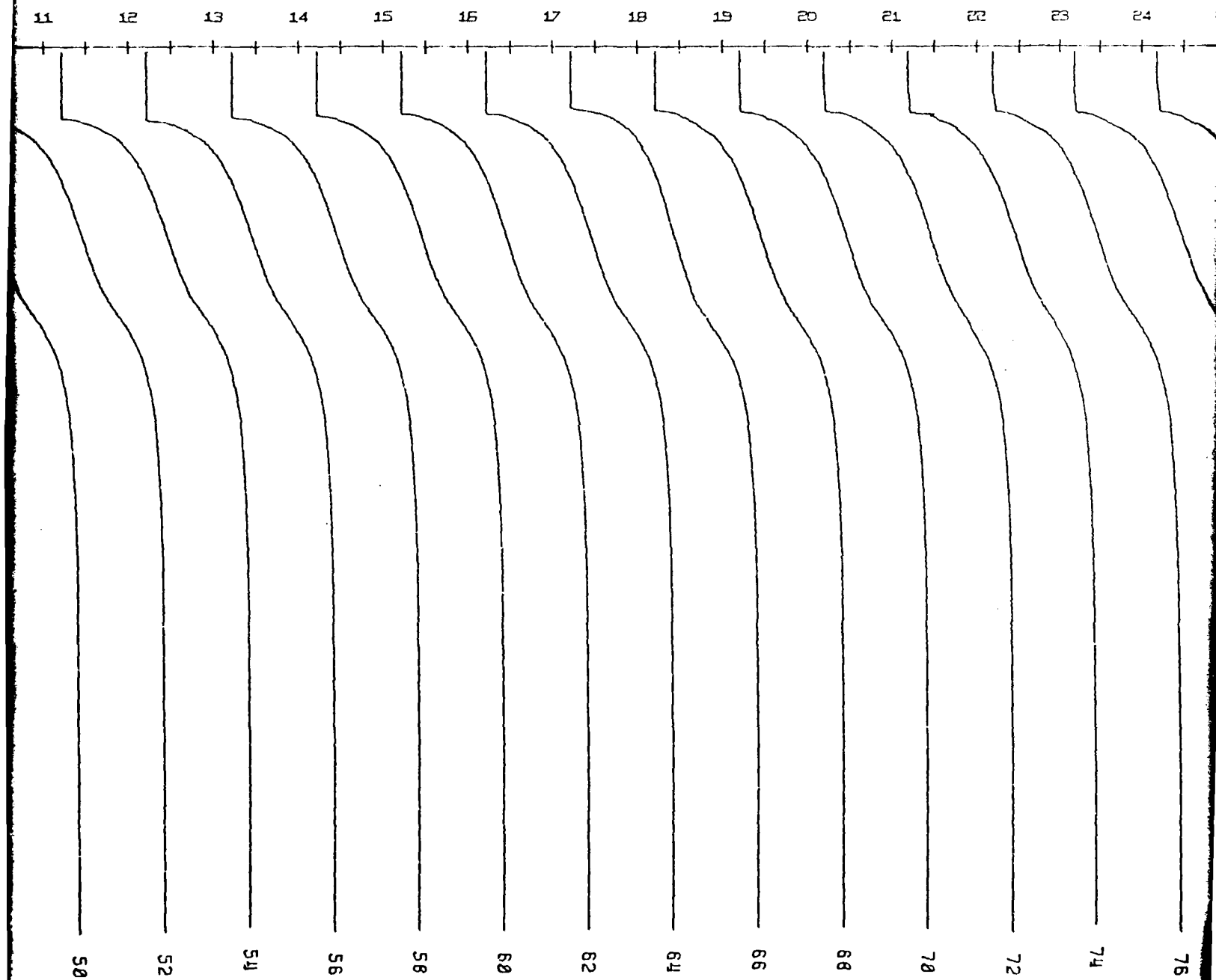


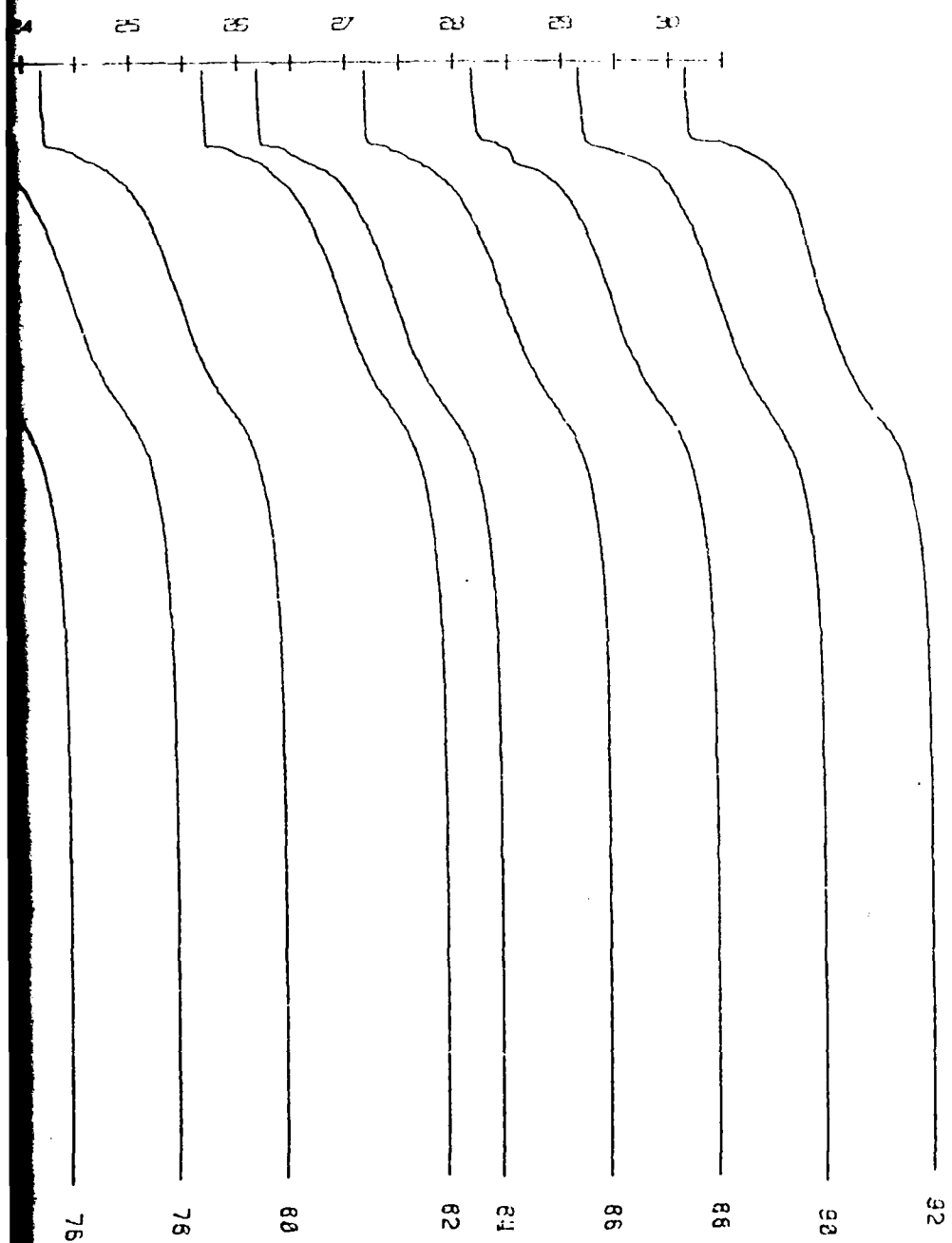
SA

- ▶ NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- ▶ EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- ▶ SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

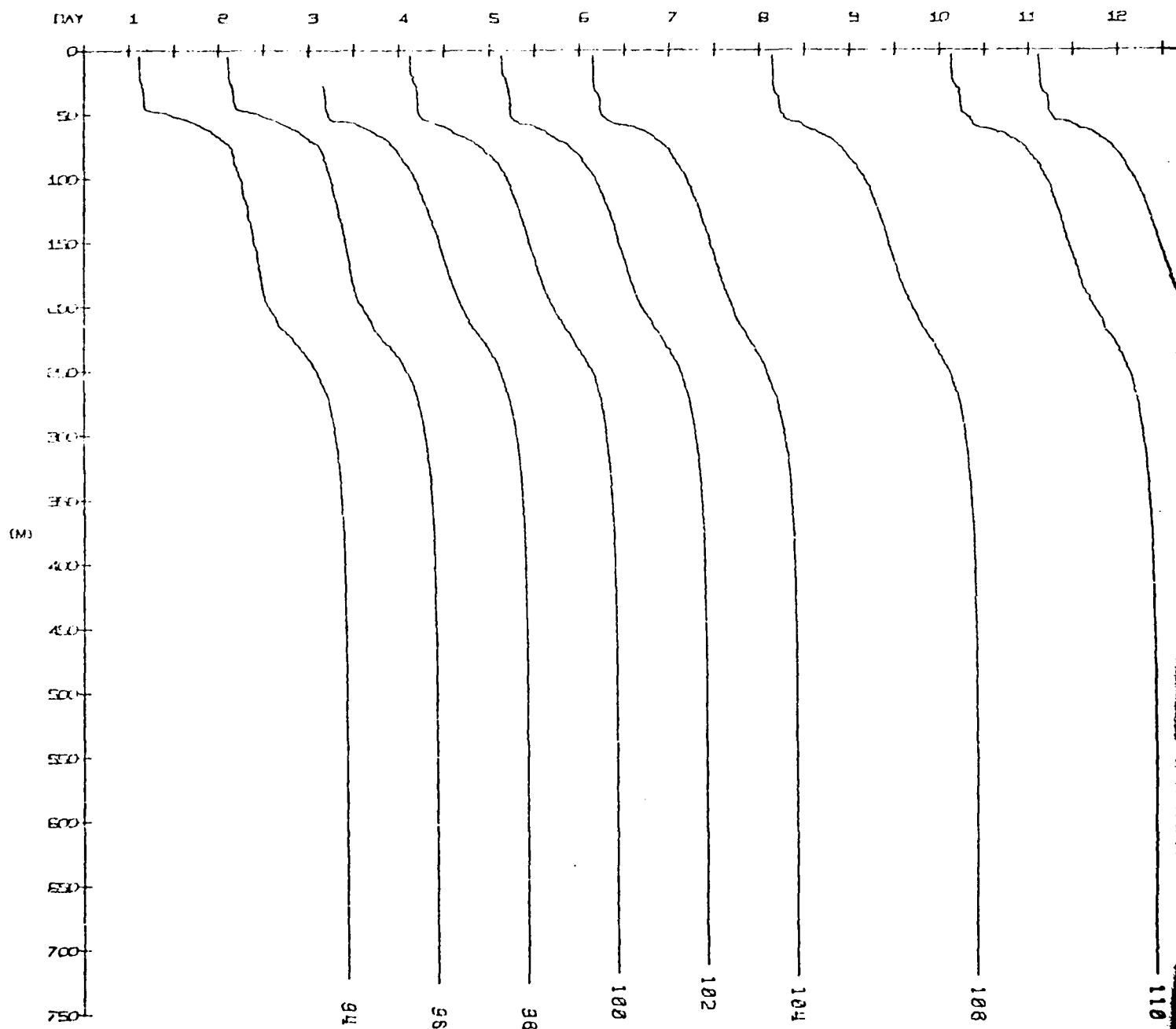


SALINITY PROFILES AT CAMP SNOWBIRD
JUN 1, 1975 TO JUN 30, 1975

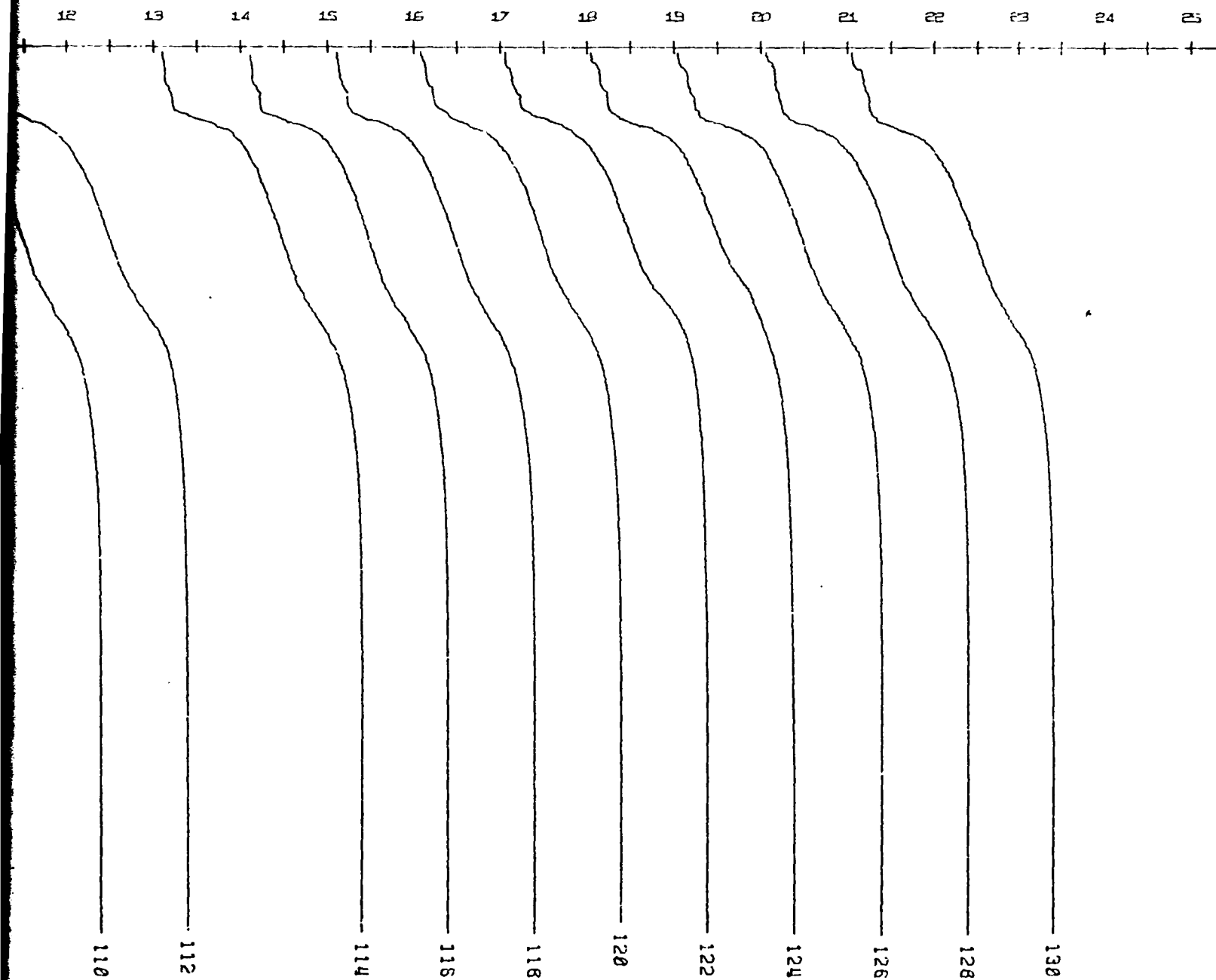


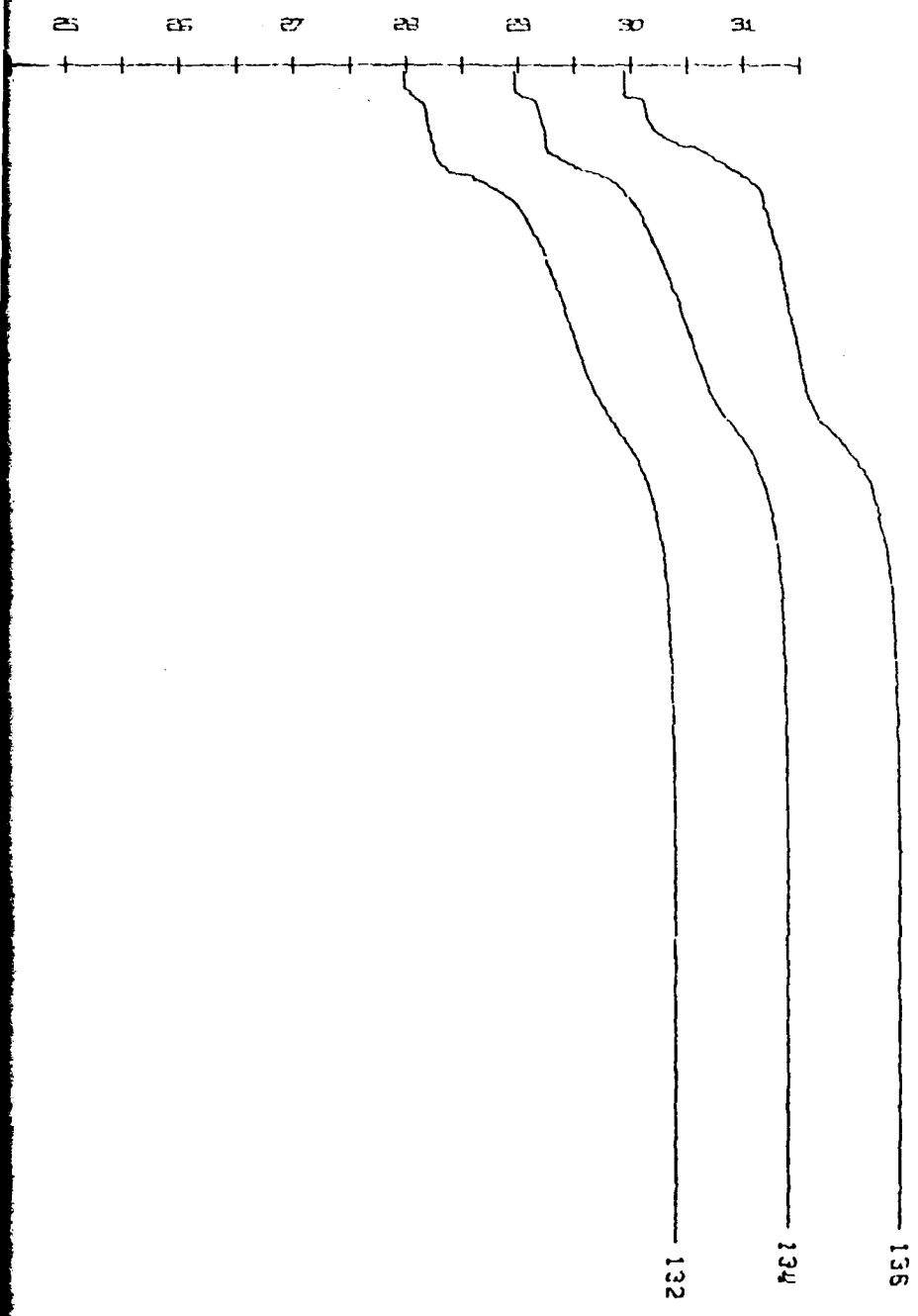


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH REFERENCE TO LEFT DIVISION MARK (20.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



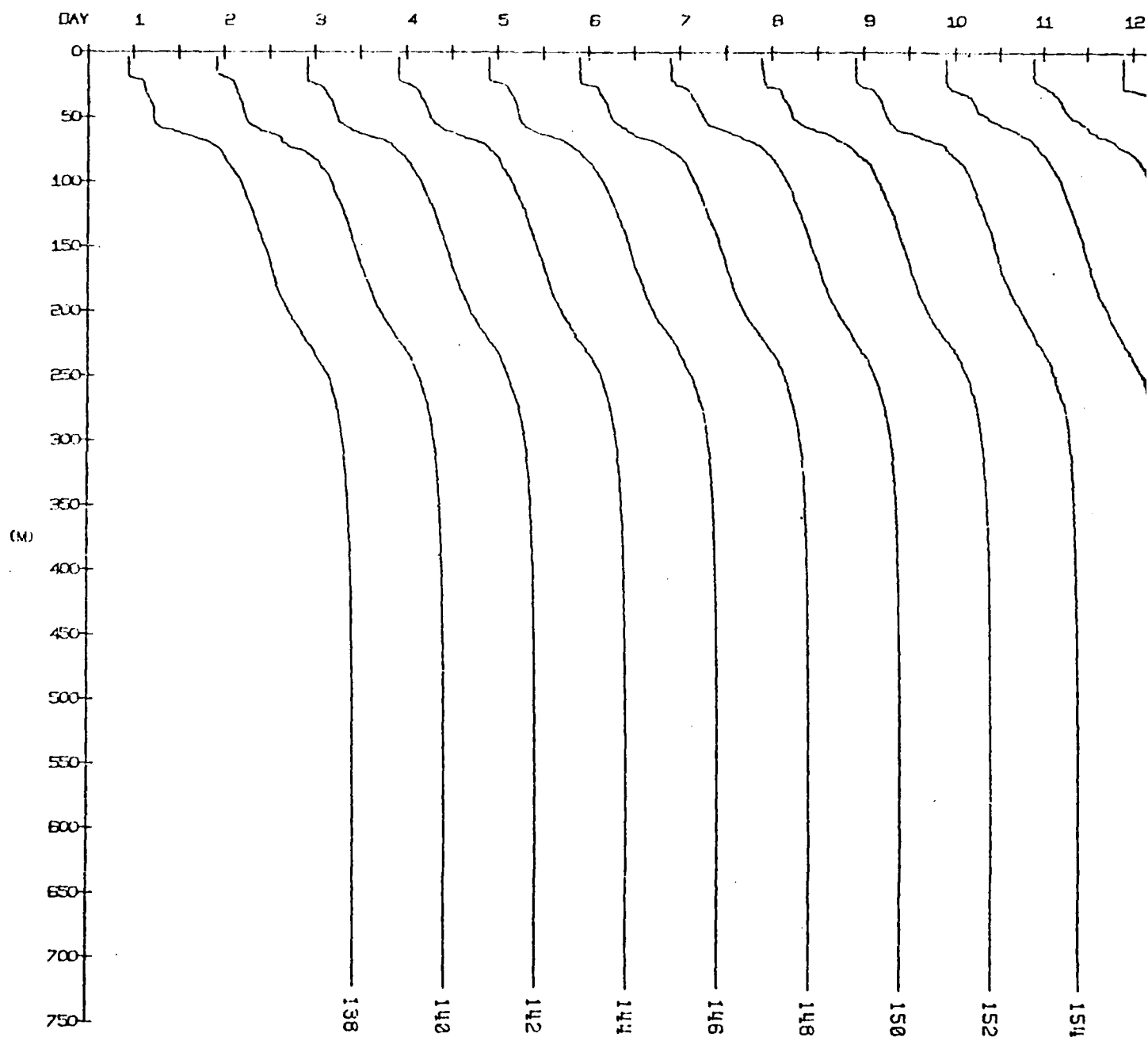
SALINITY PROFILES AT CAMP SNOWBIRD
JUL 1, 1975 TO JUL 31, 1975



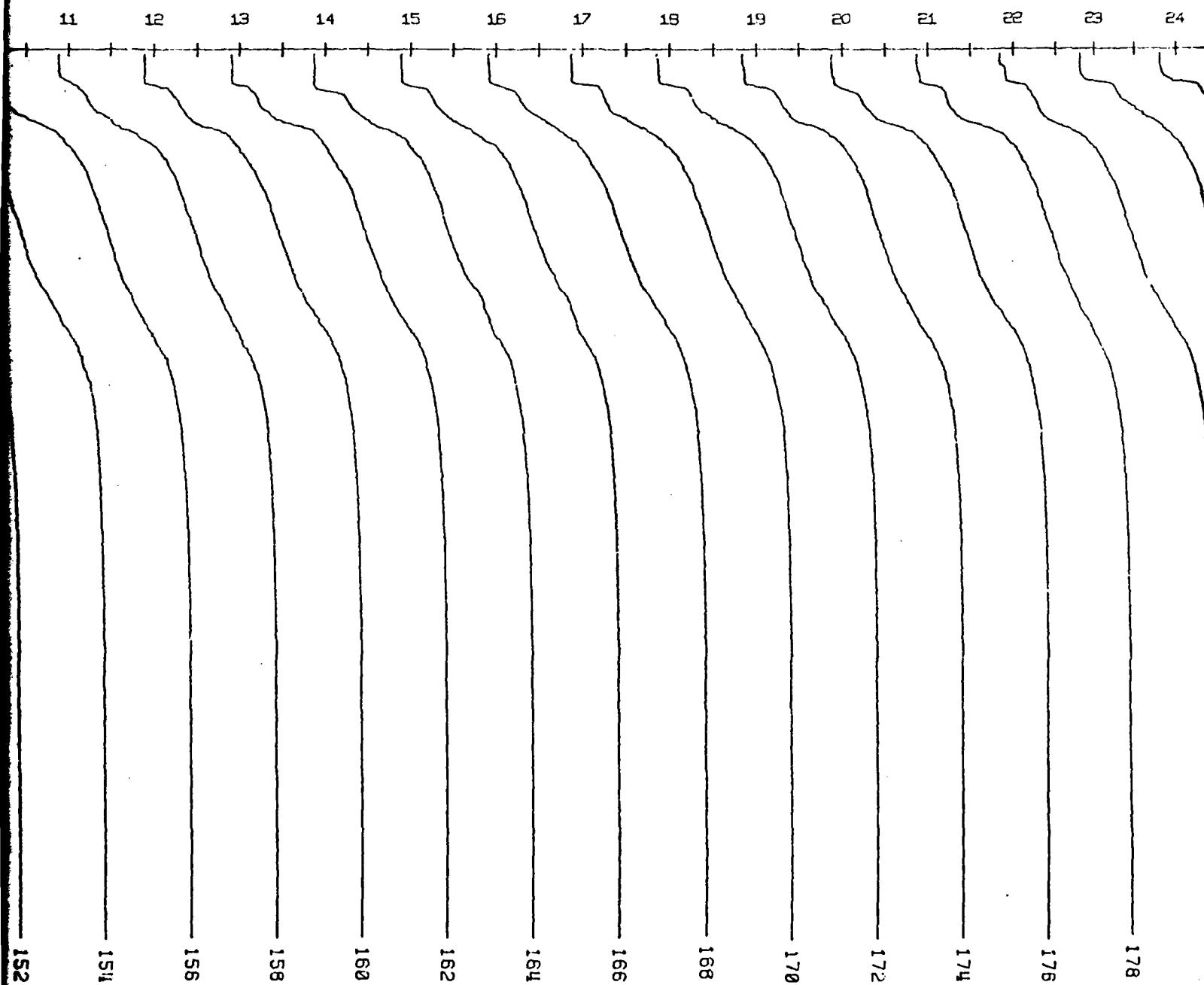


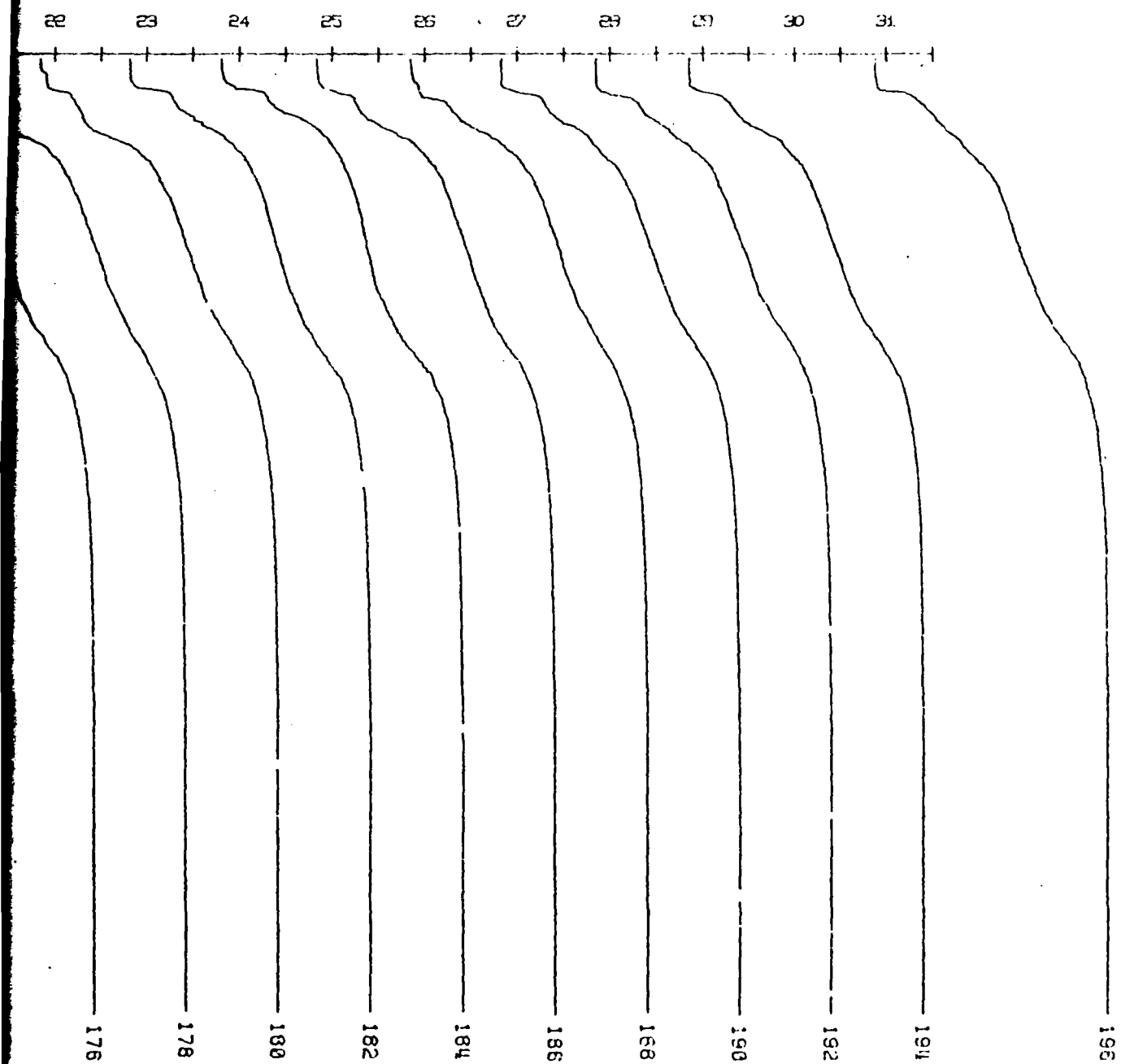
10

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



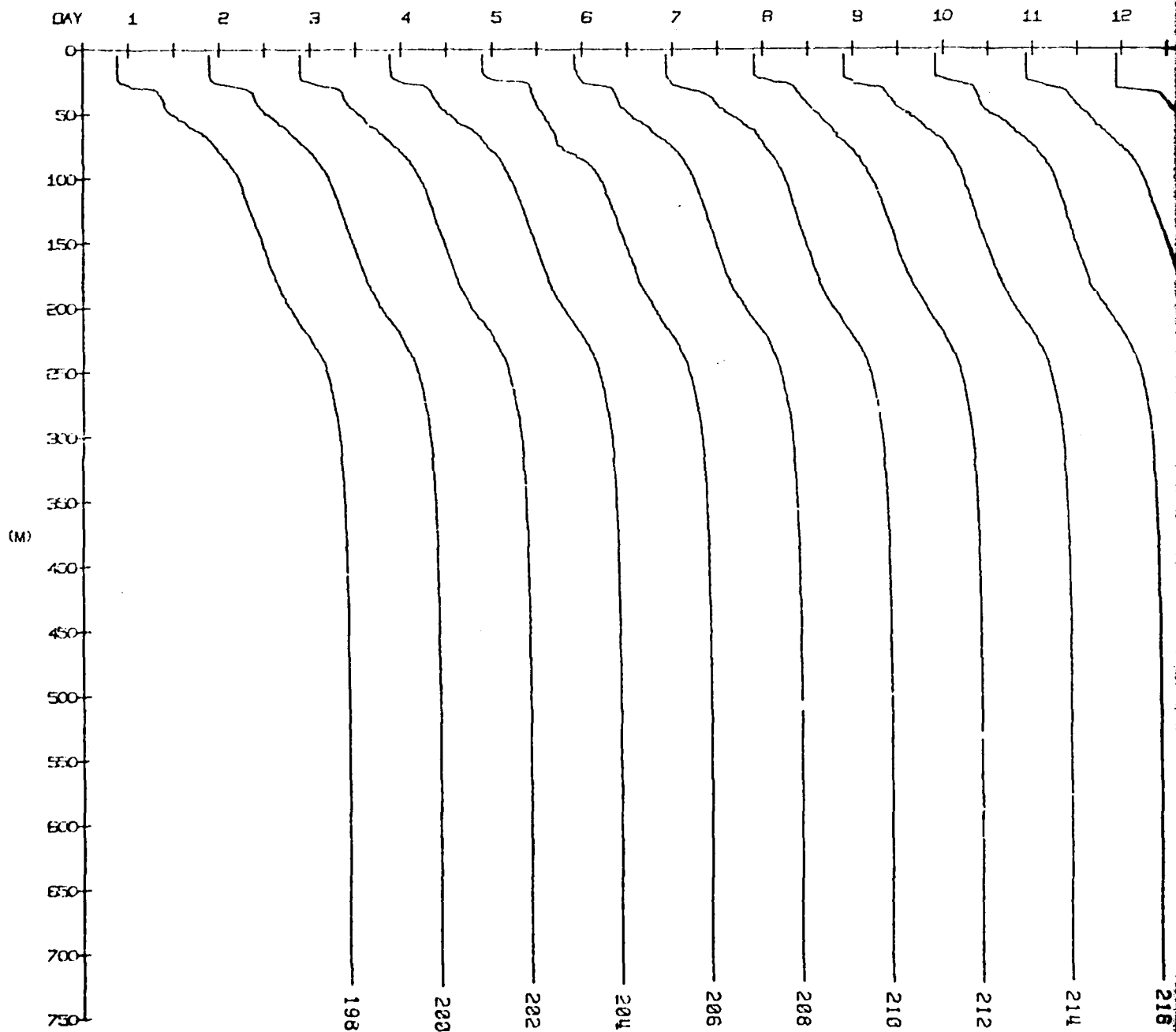
SALINITY PROFILES AT CAMP SNOWBIRD
AUG 1, 1975 TO AUG 31, 1975



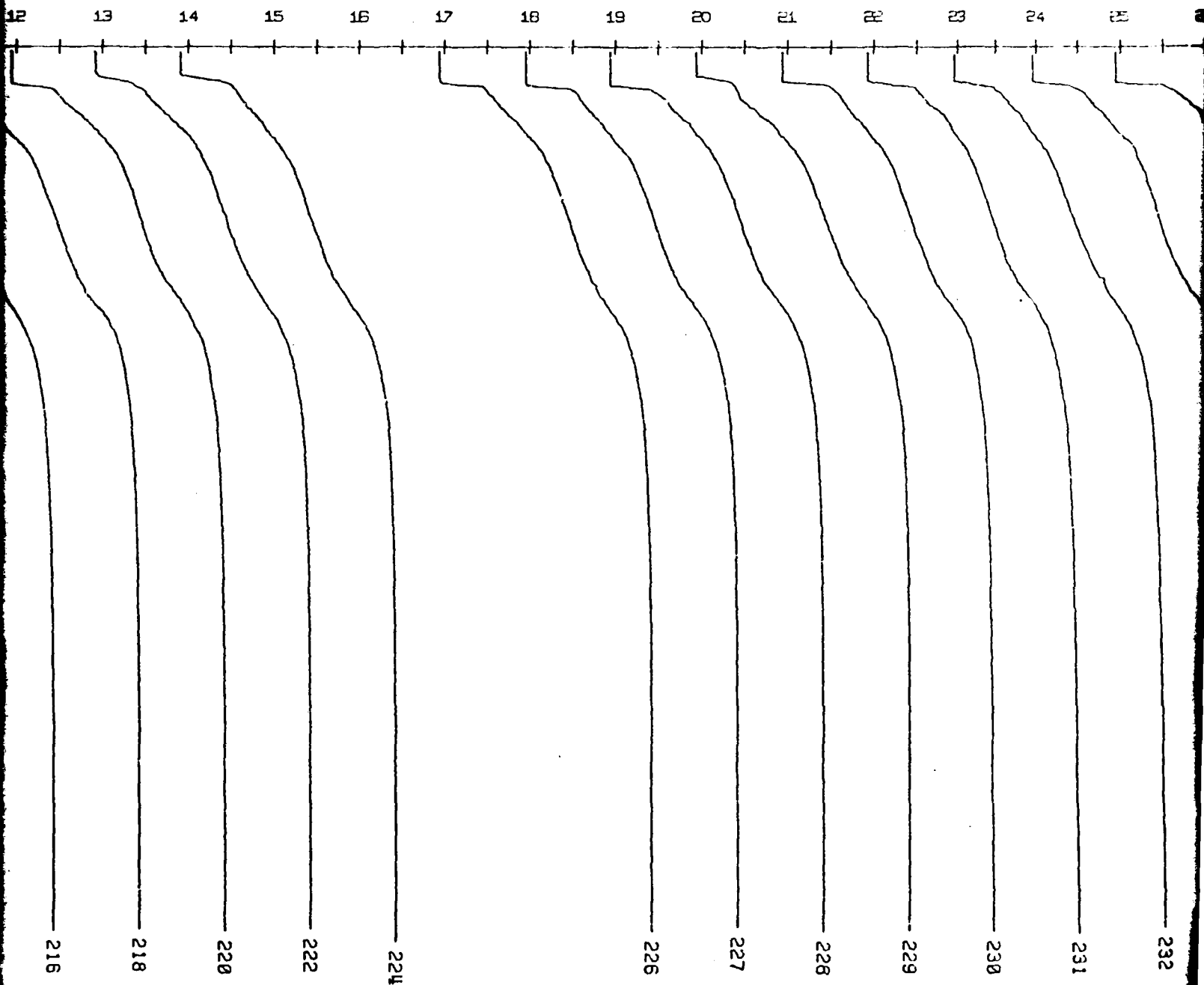


SALINITY

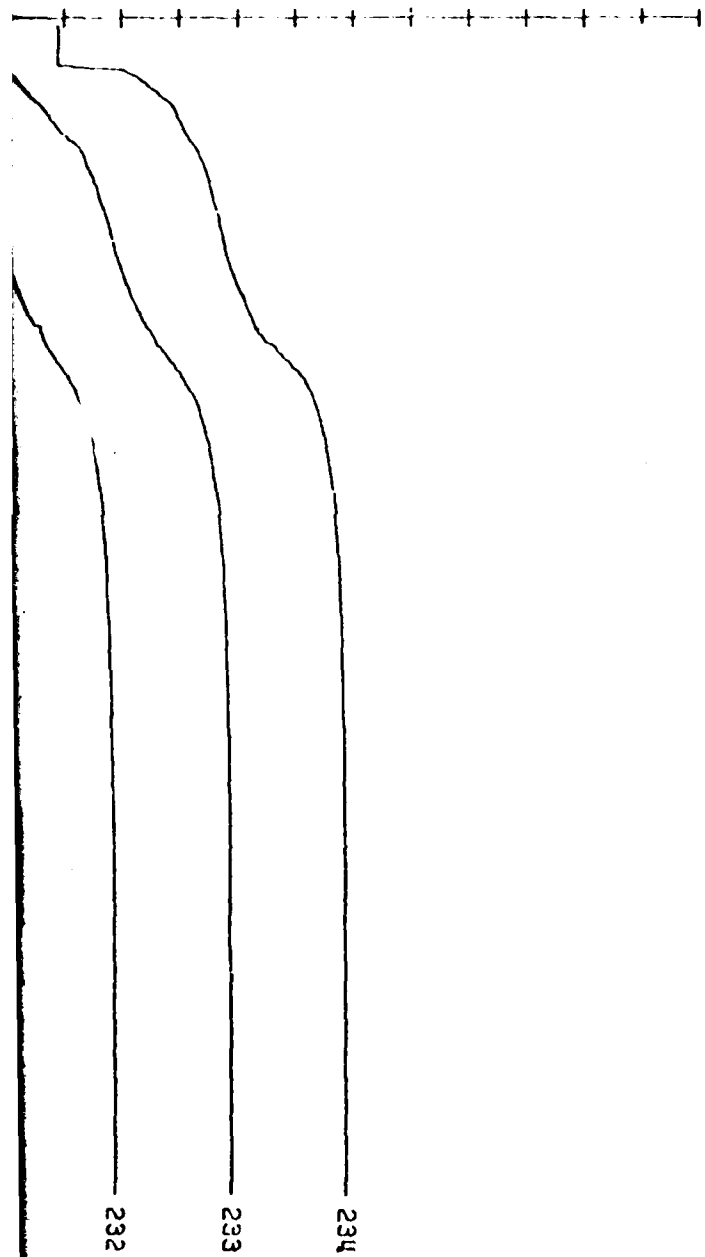
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



SALINITY PROFILES AT CAMP SNOWBIRD
SEP 1, 1975 TO SEP 30, 1975

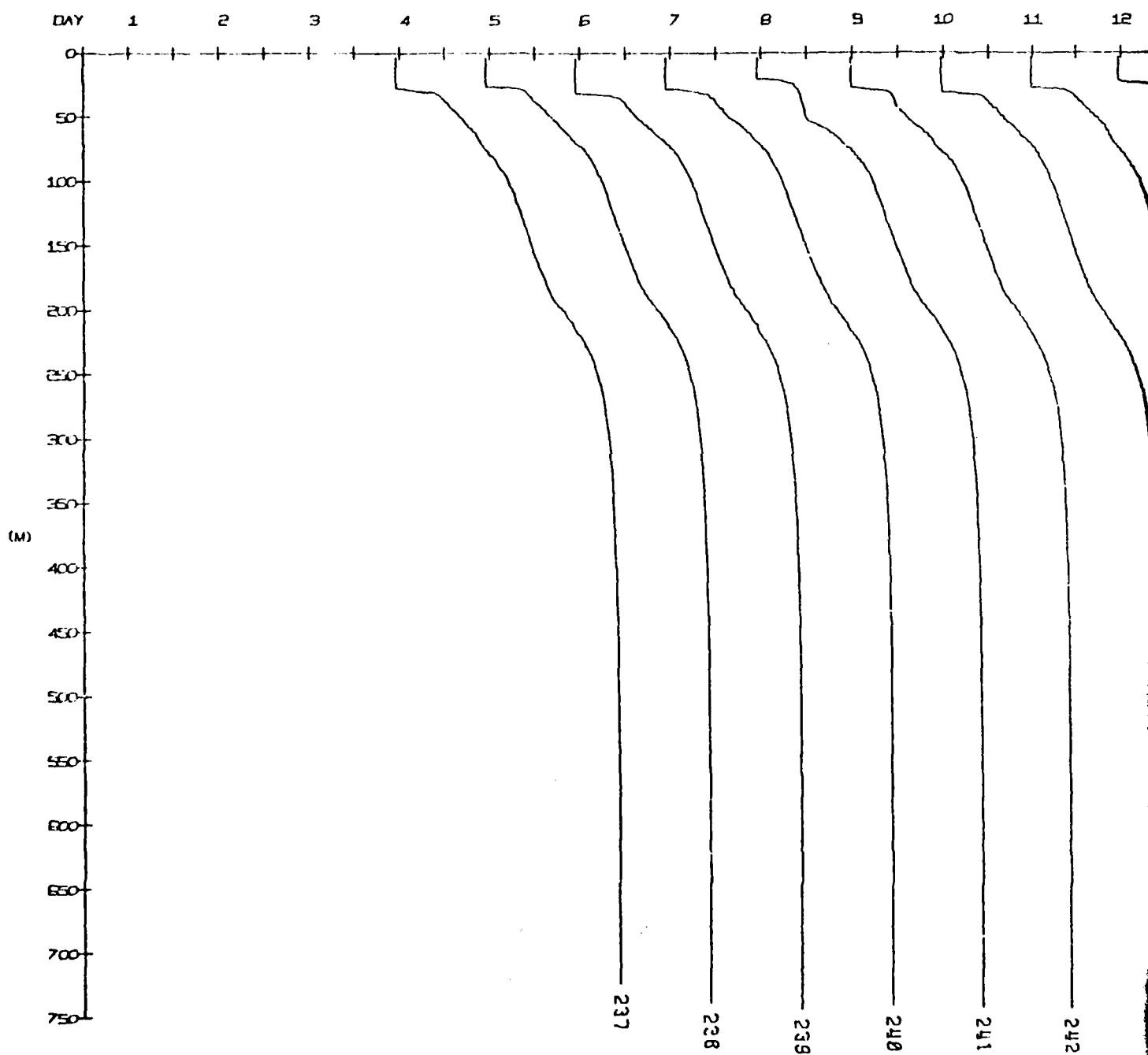


25 26 27 28 29 30

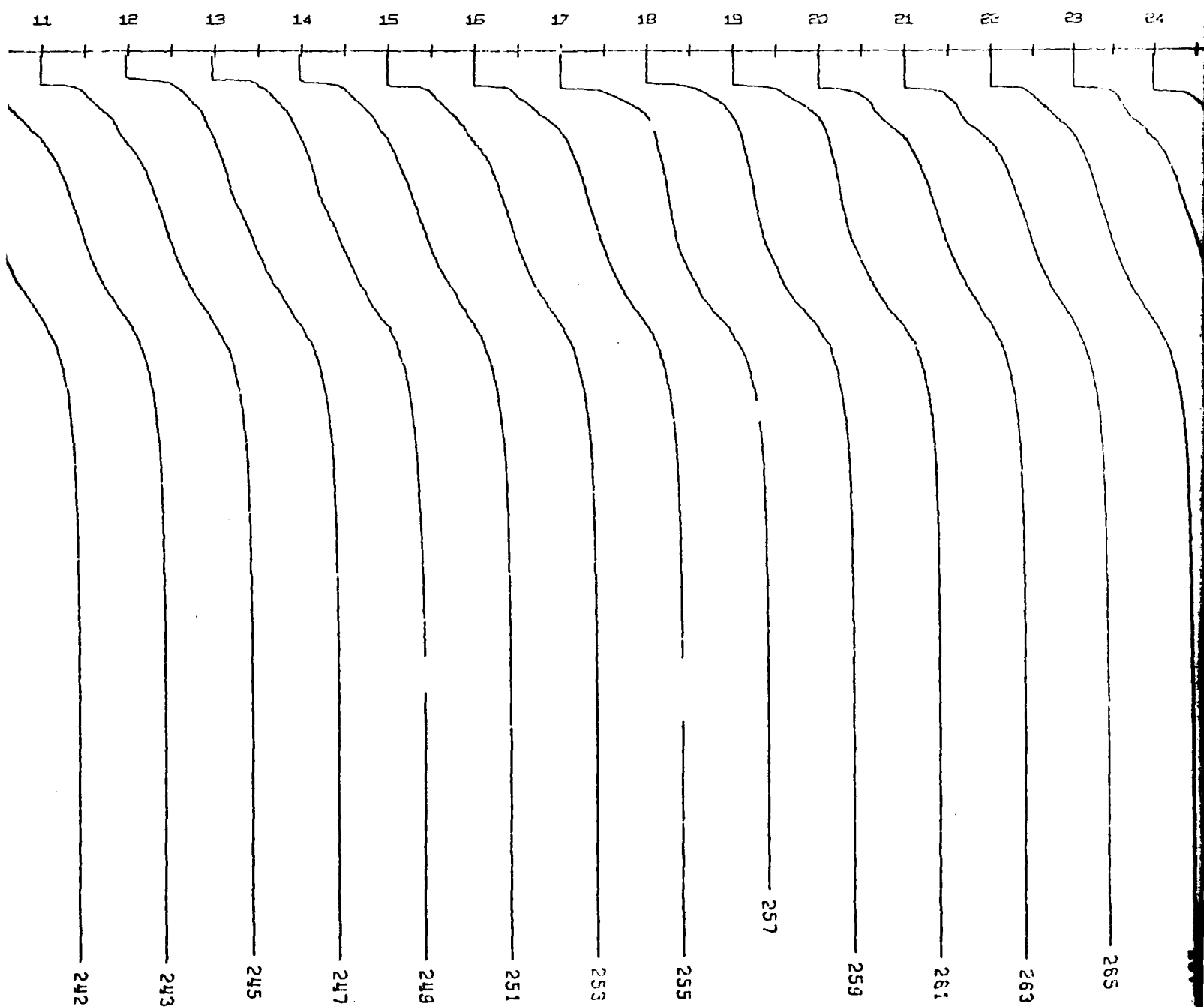


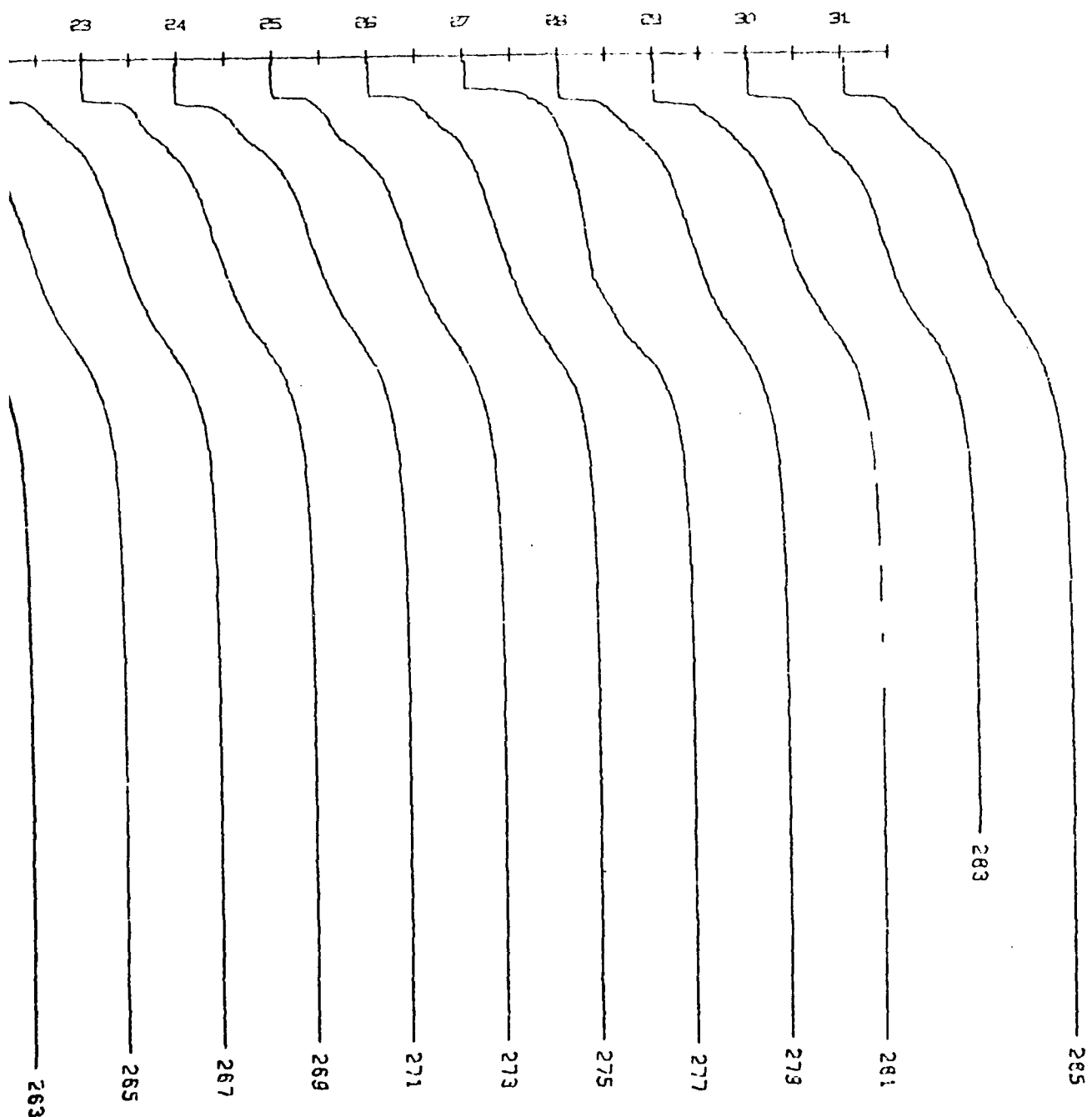
11

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY



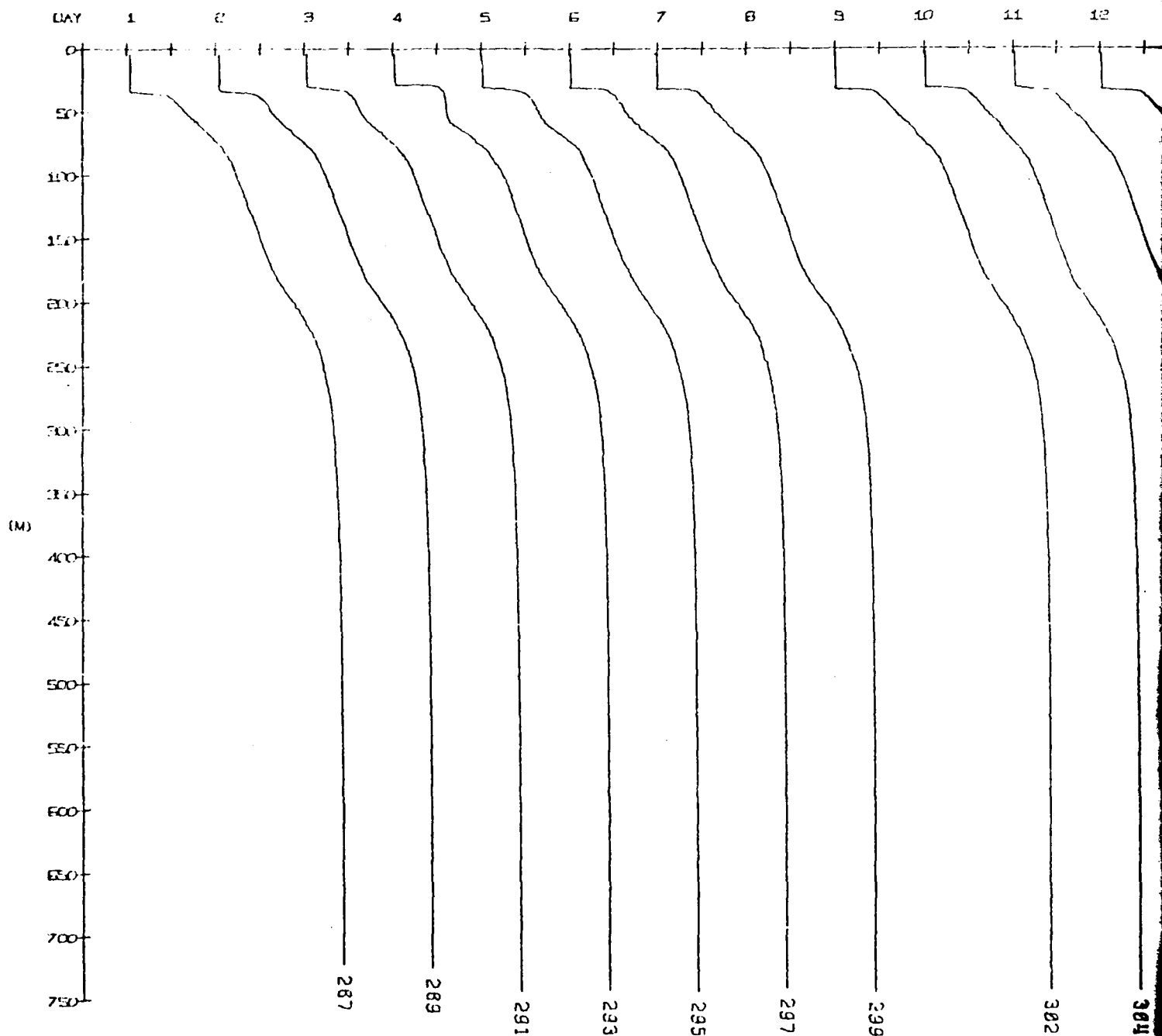
SALINITY PROFILES AT CAMP SNOWBIRD
OCT 1, 1975 TO OCT 31, 1975



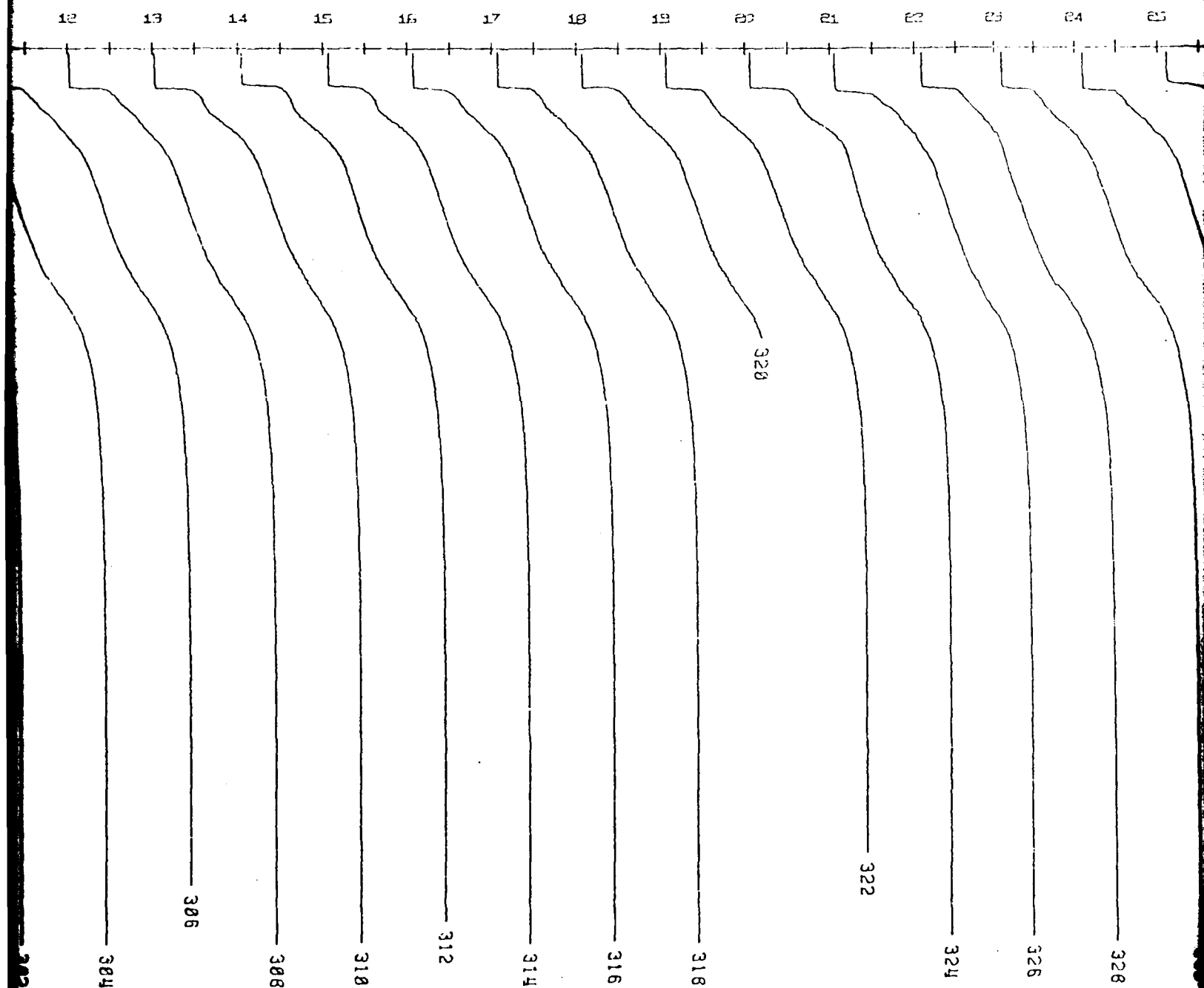


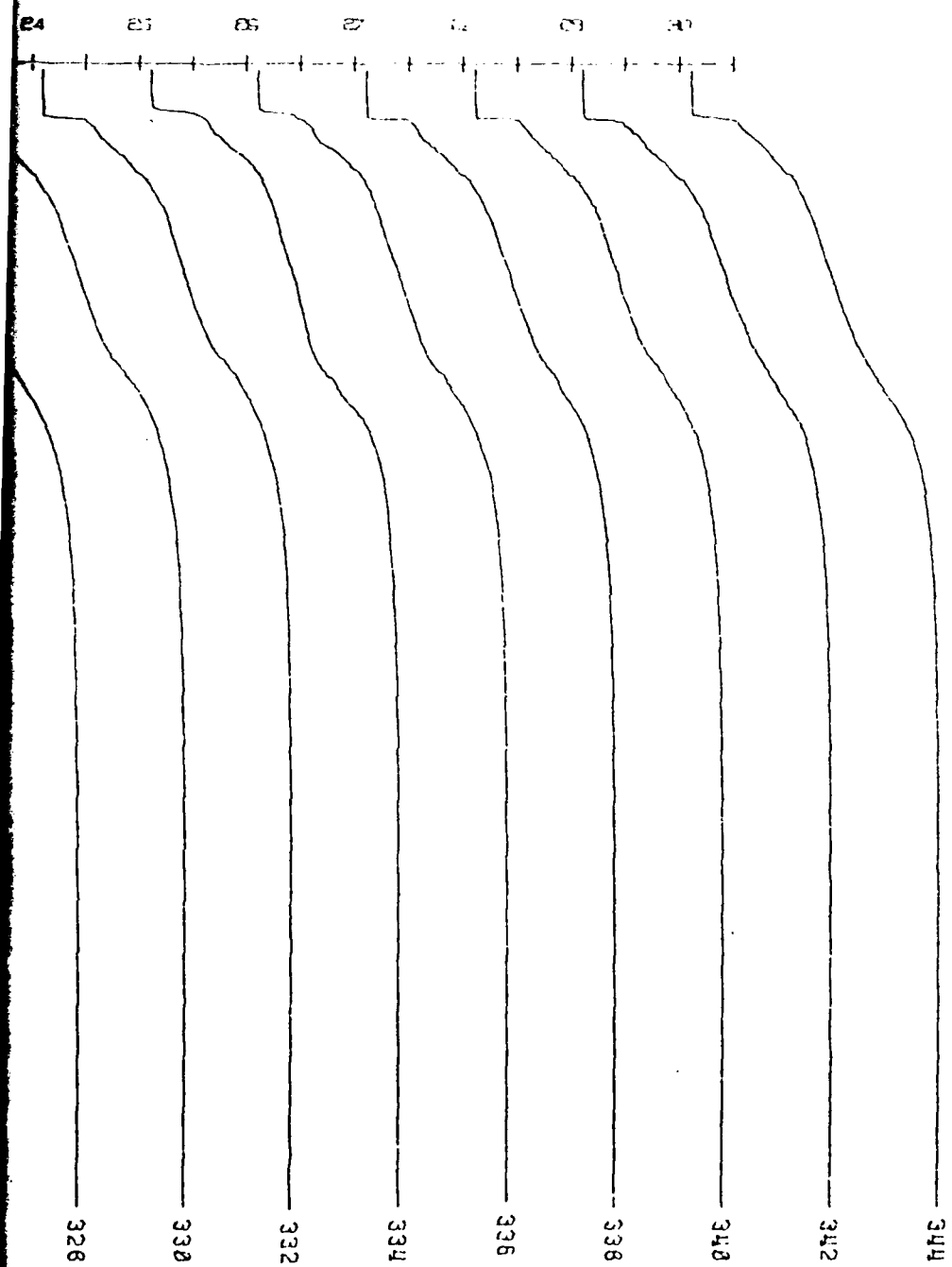
SALIN

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

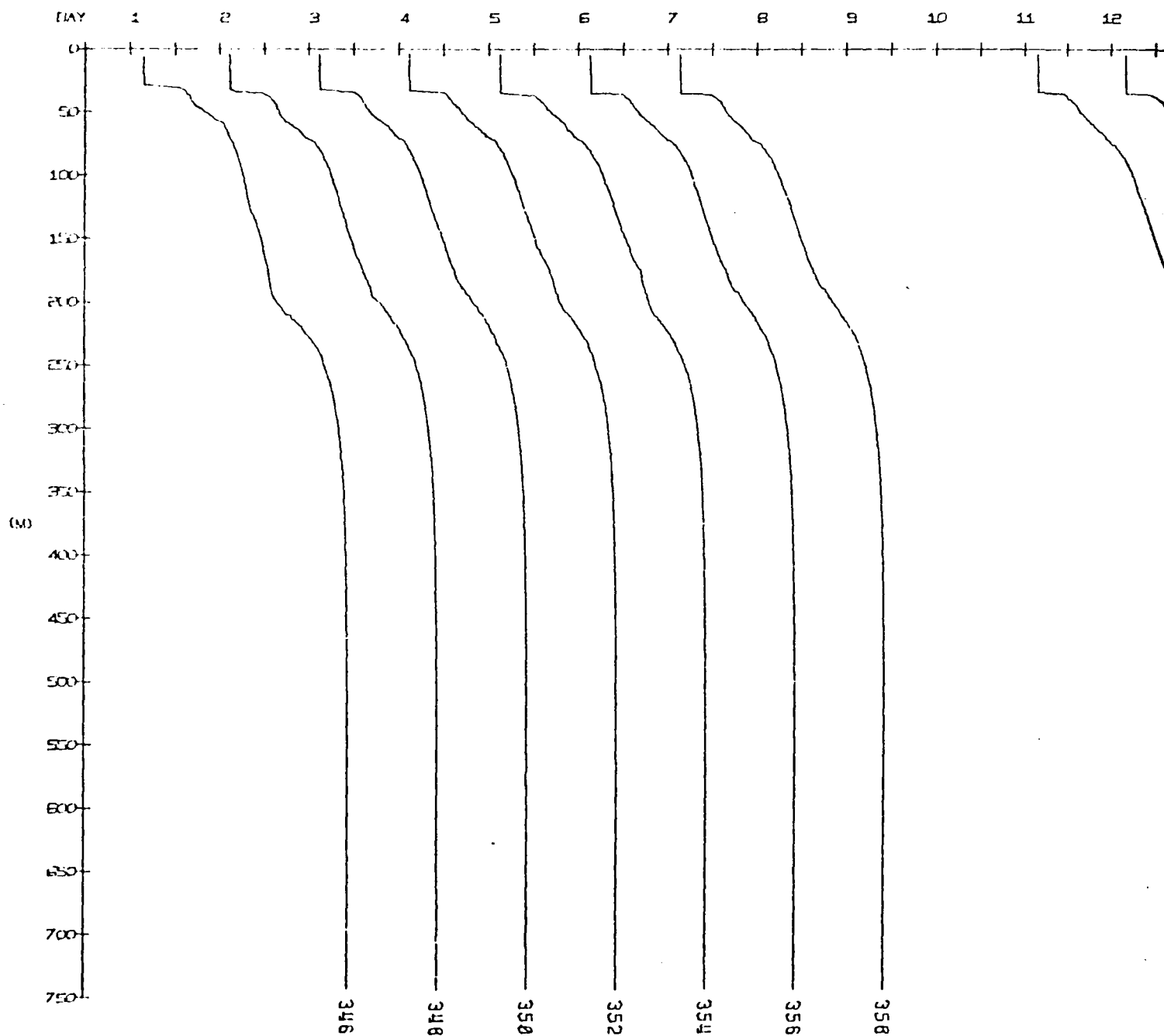


SALINITY PROFILES AT CAMP SNOWBIRD
NOV 1, 1975 TO NOV 30, 1975

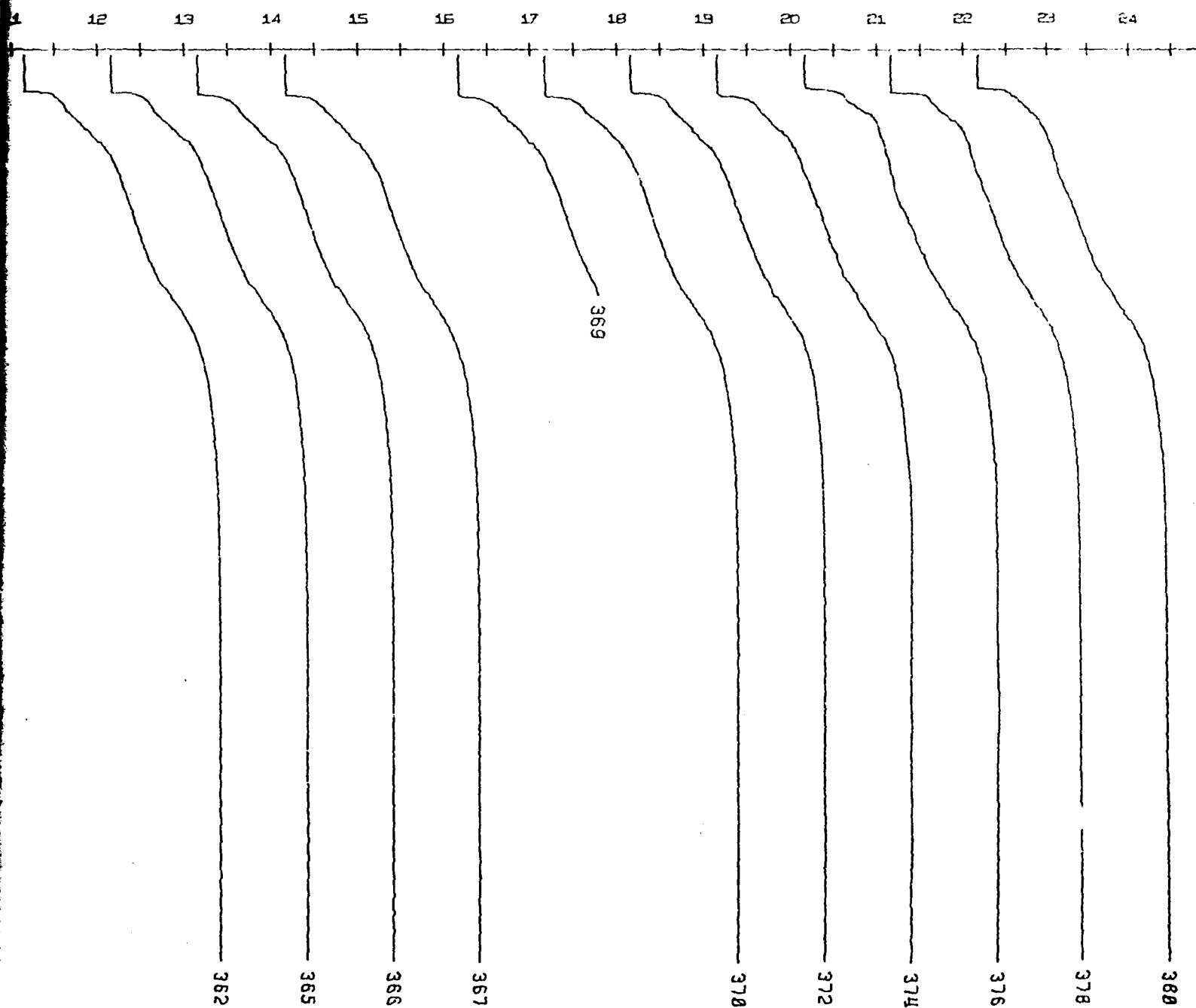


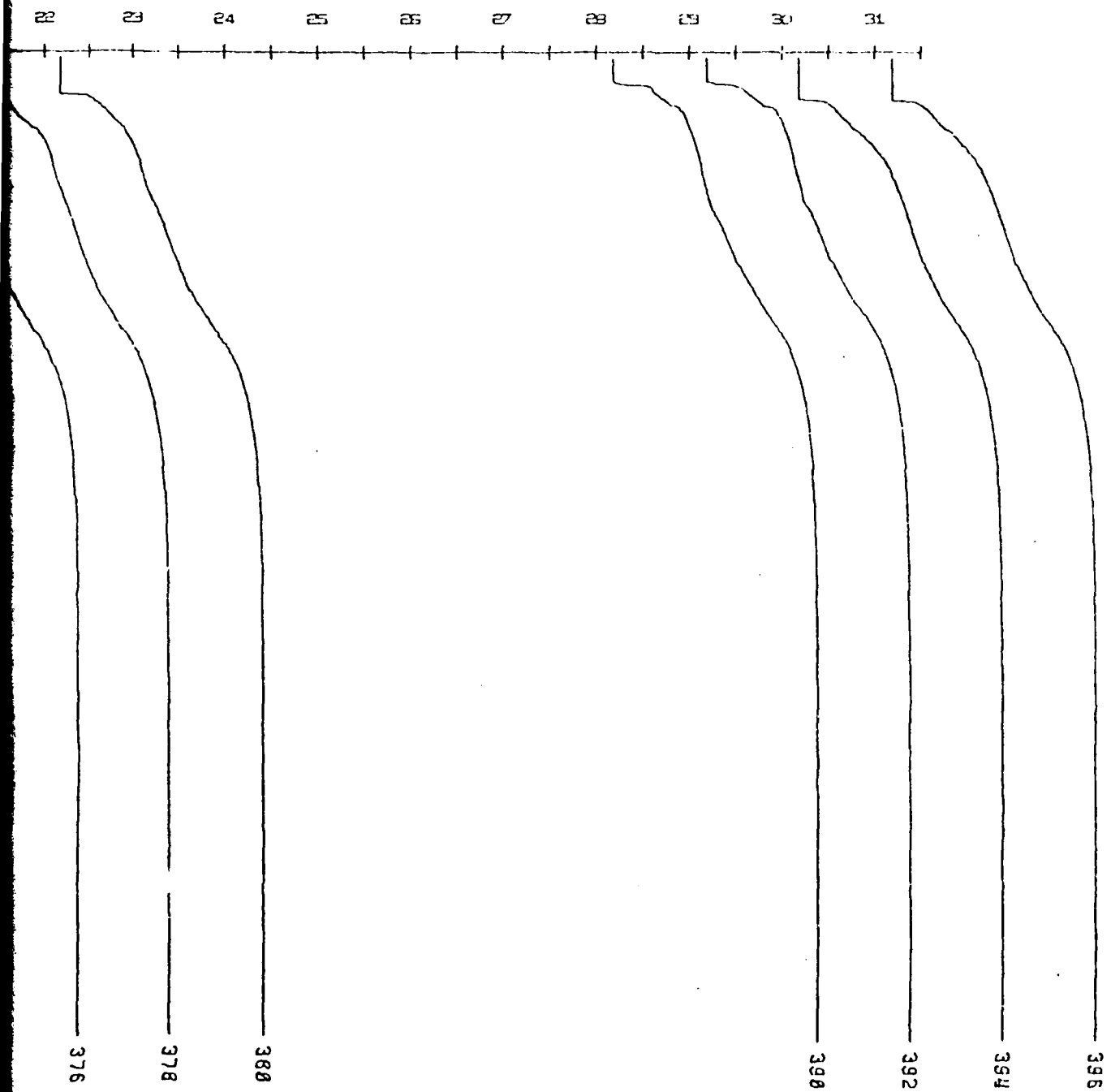


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

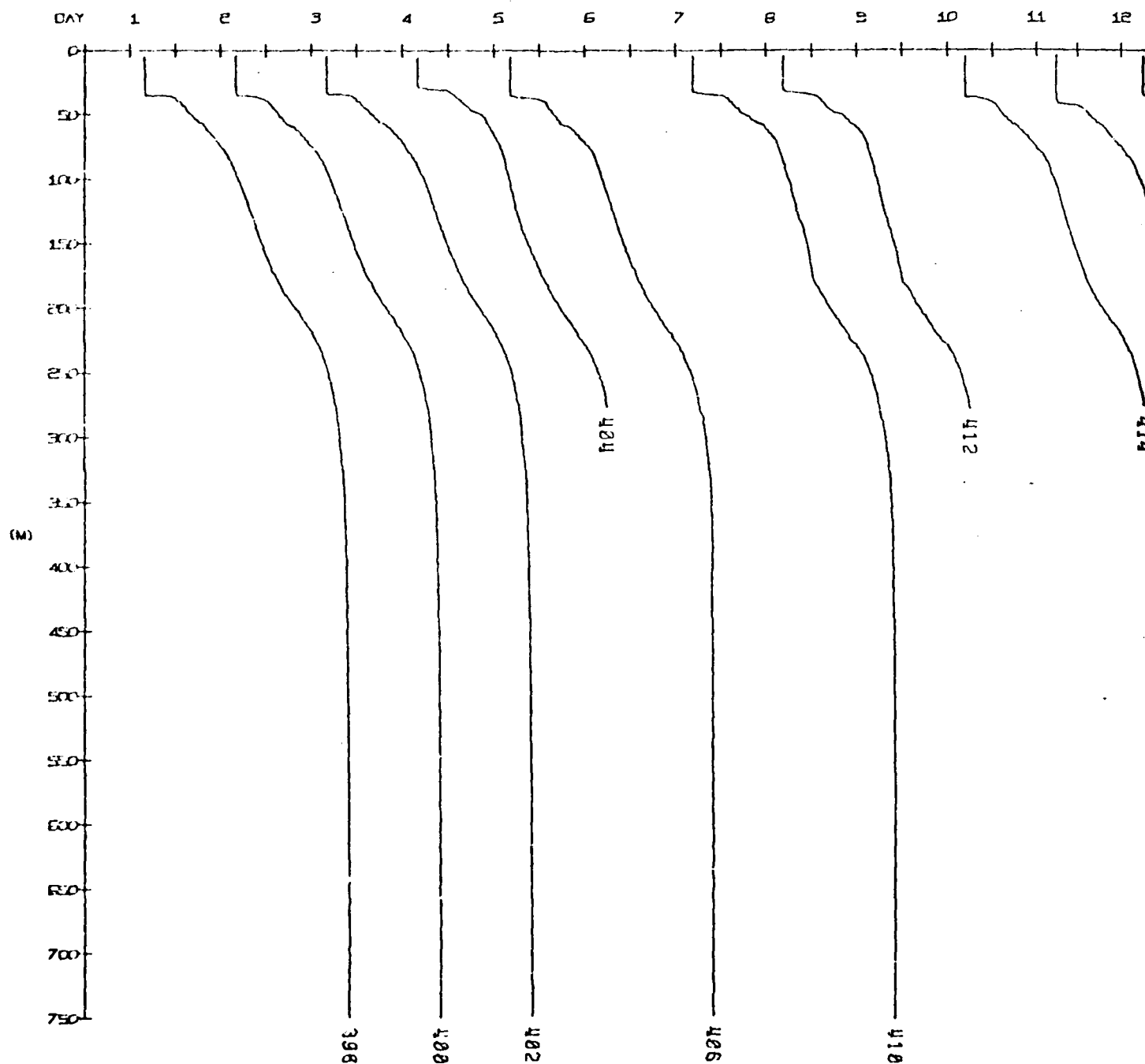


SALINITY PROFILES AT CAMP SNOWHIRE
DEC 1, 1975 TO DEC 31, 1975



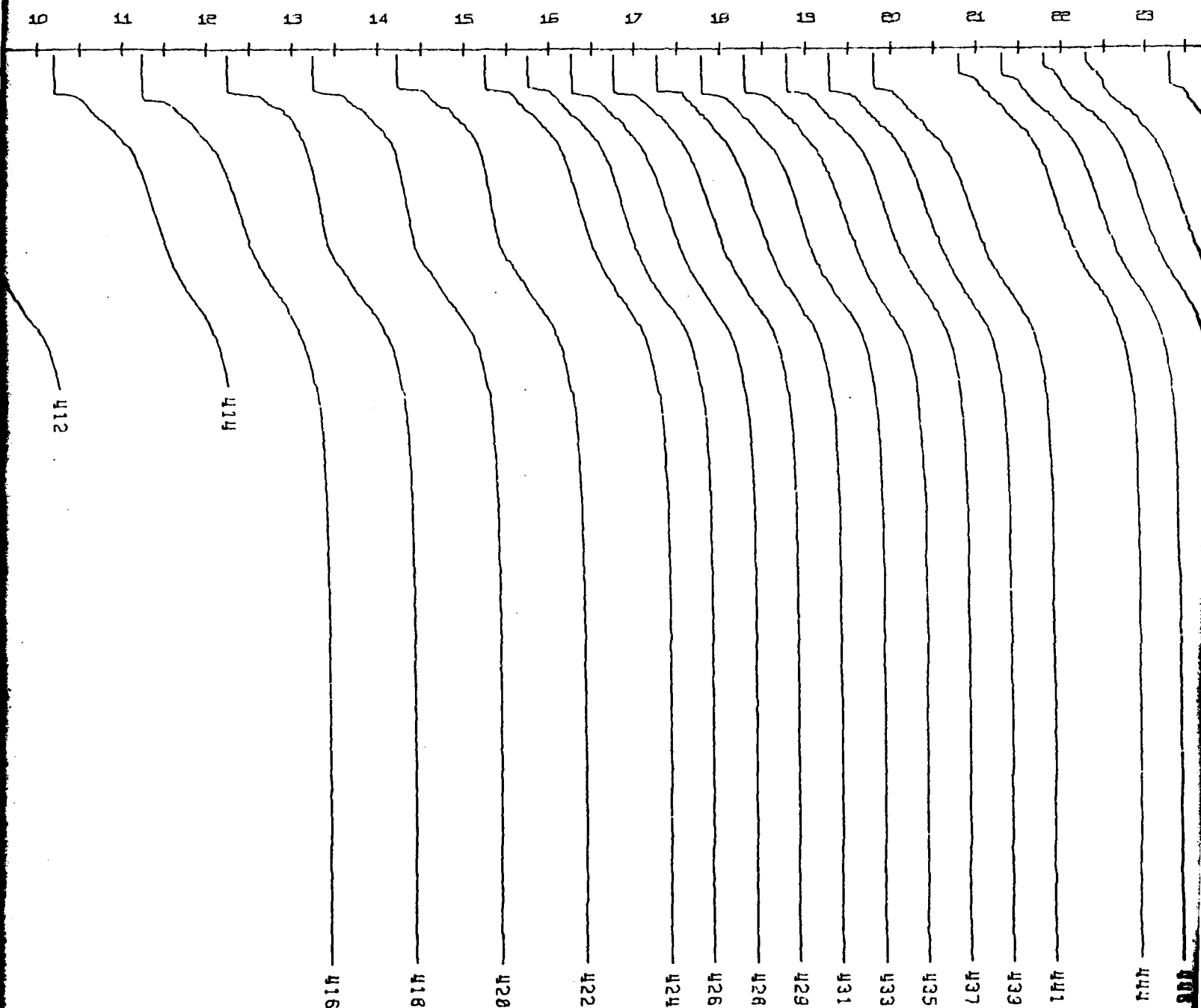


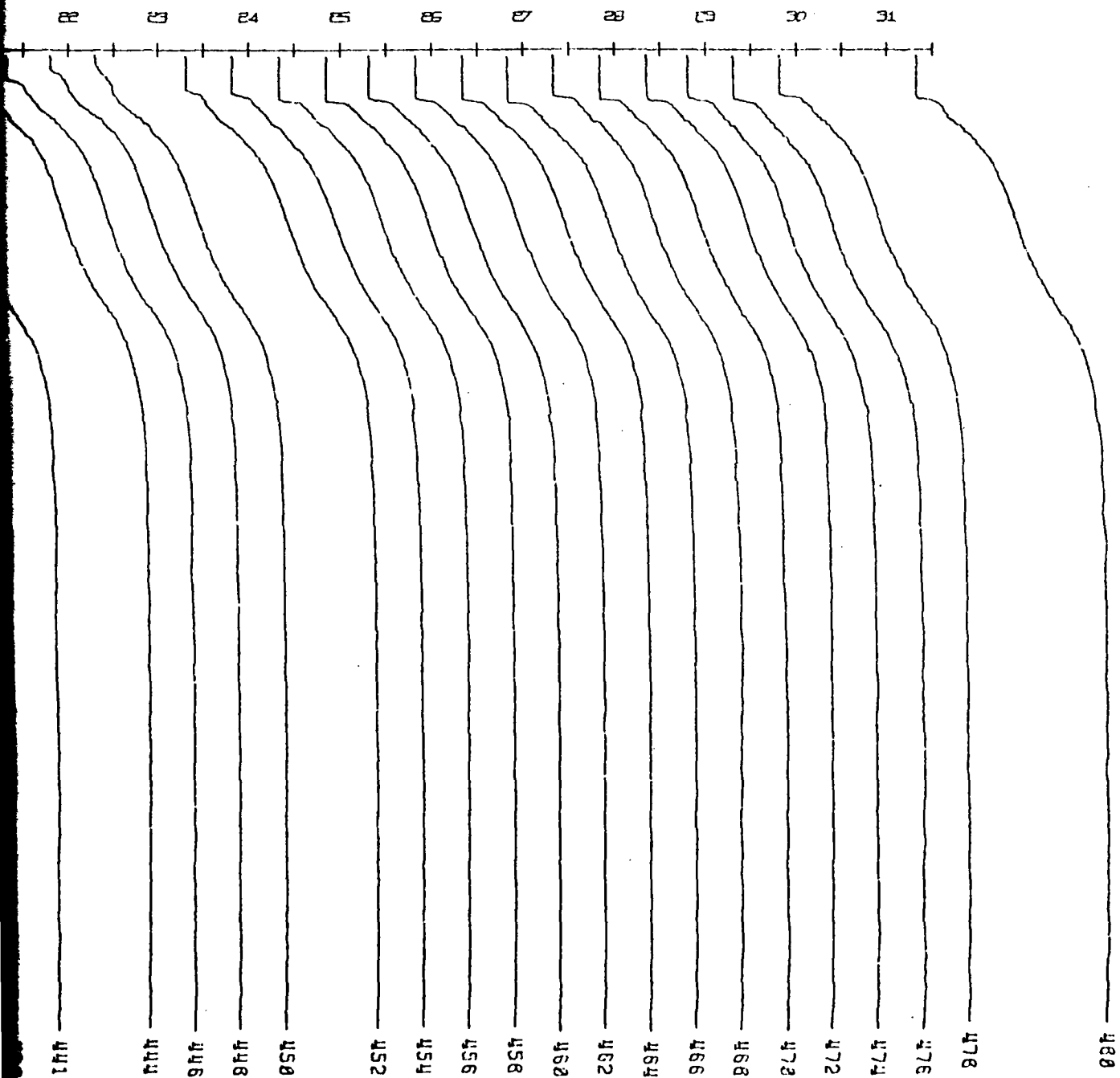
- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (50.0 FPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 FPT) PER HALF DAY



SALINITY PROFILES AT CAMP SNOWBIRD
JAN 1, 1976 TO JAN 31, 1976

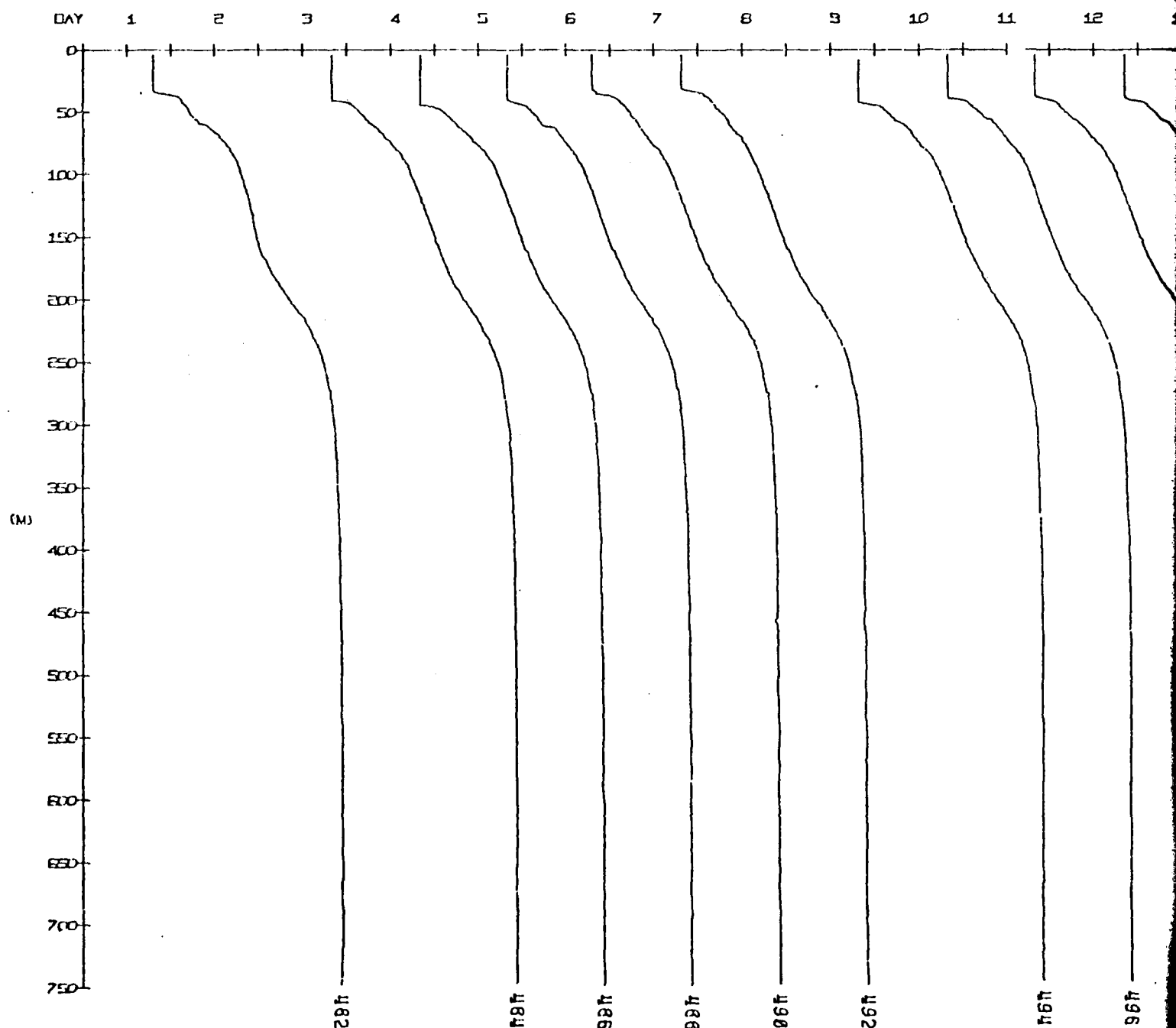
PT)



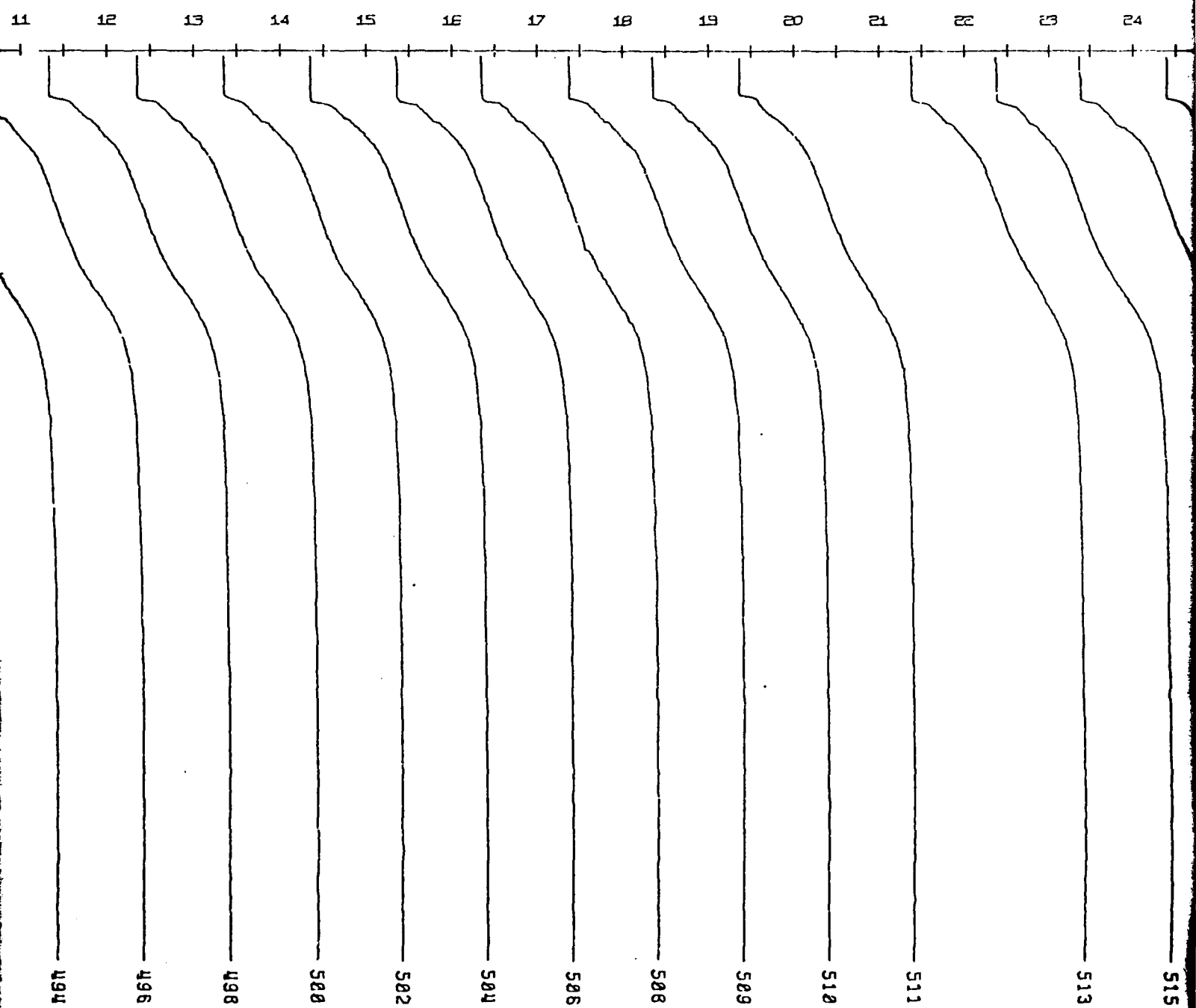


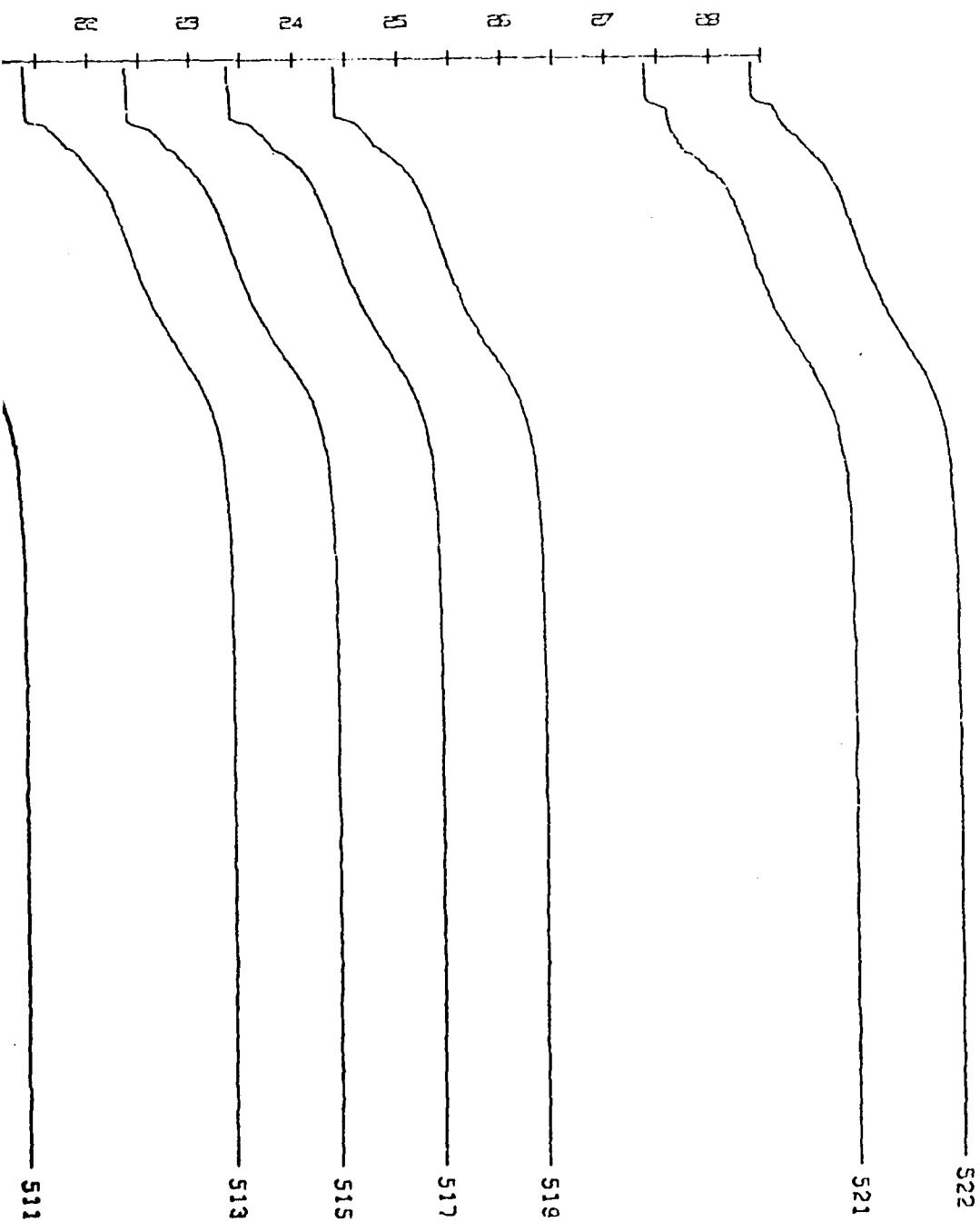
SALINITY PR FEB 1

- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

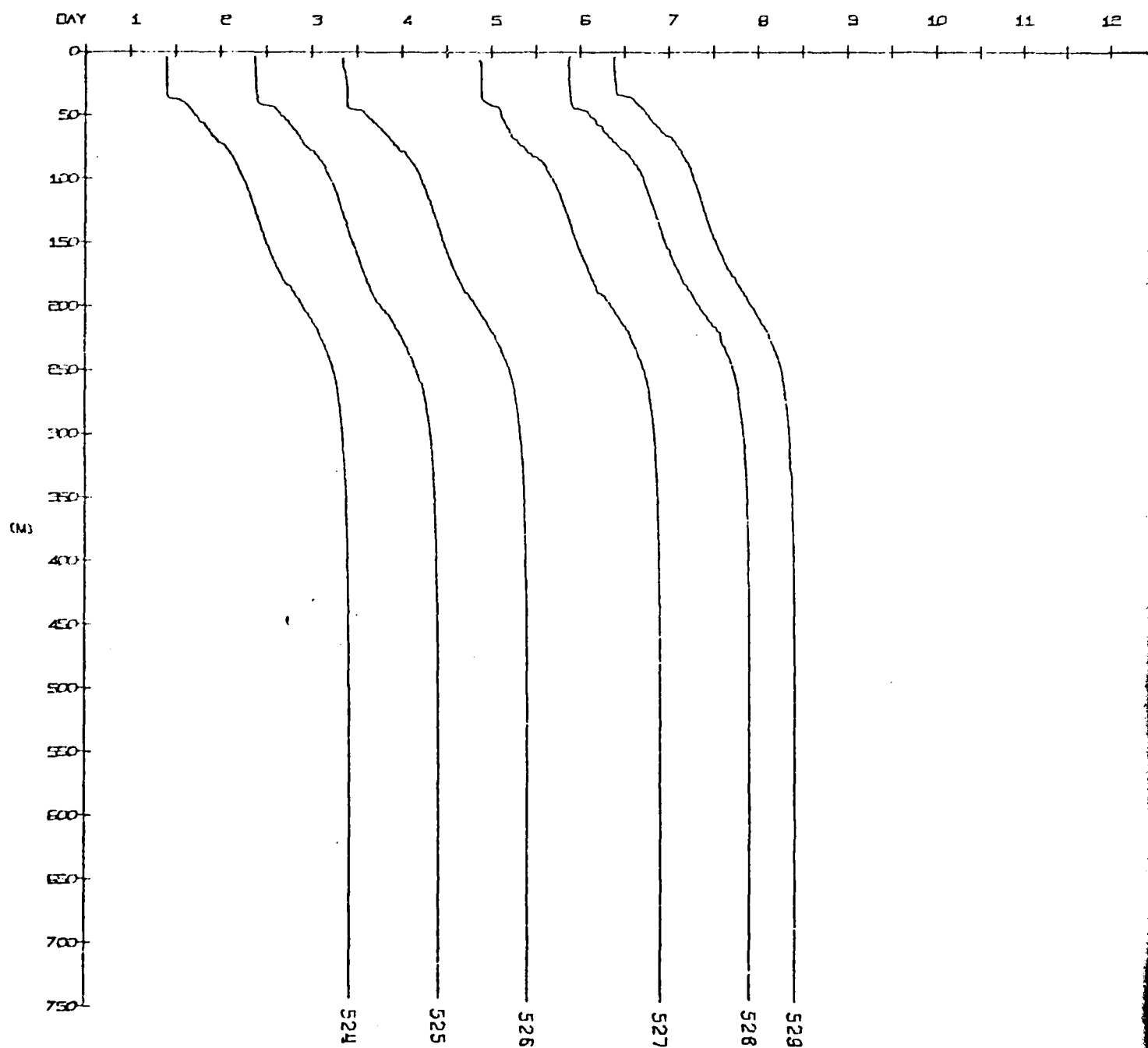


SALINITY PROFILES AT CAMP SNOWBIRD
FEB 1, 1976 TO FEB 28, 1976





- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM GMT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 PPT)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 PPT) PER HALF DAY

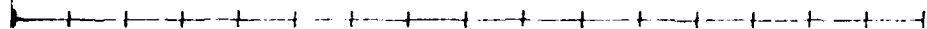


SALINITY PROFILES AT CAMP SNOWBIRD
MAR 1, 1976 TO MAR 31, 1976

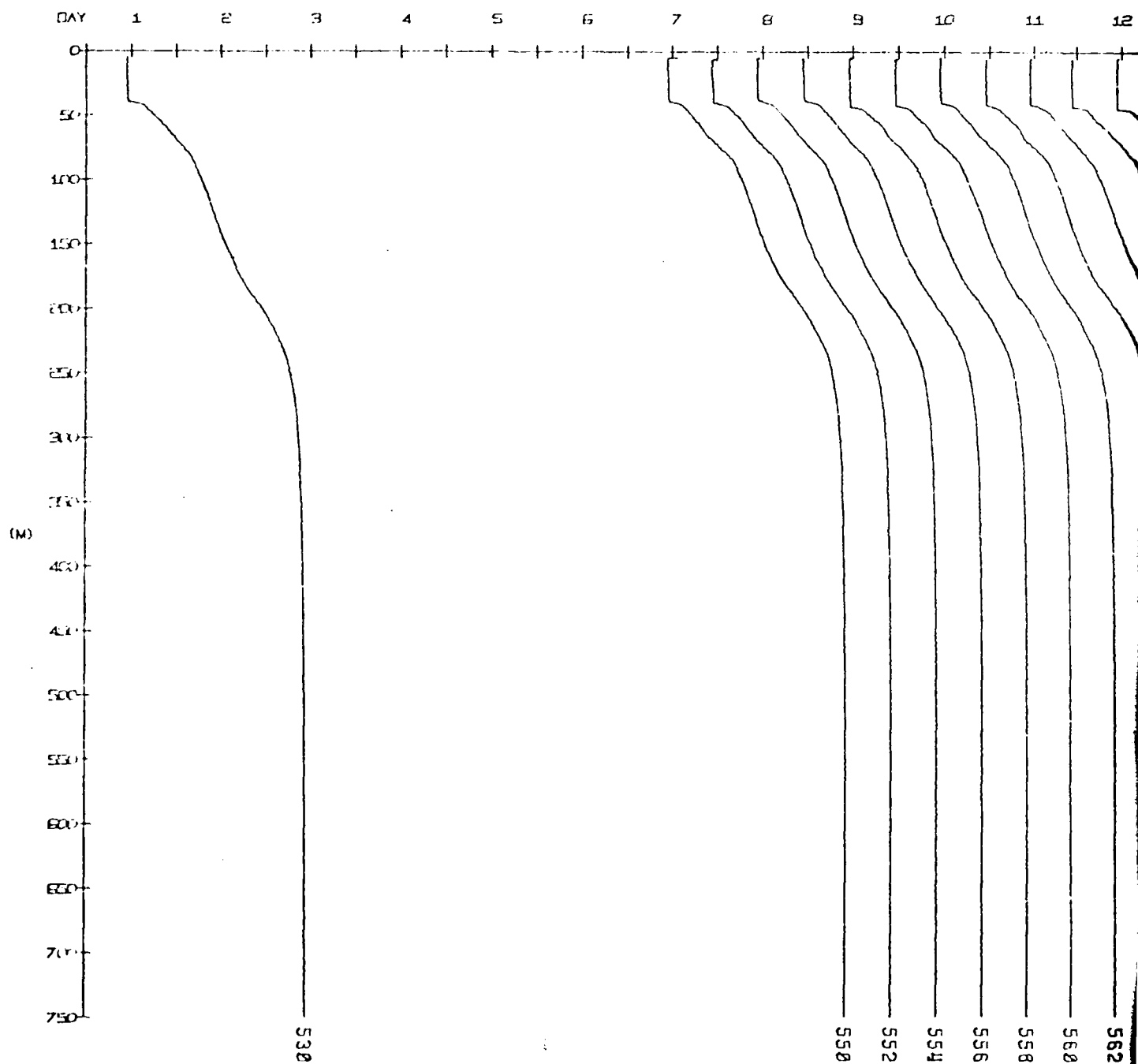
12 13 14 15 16 17 18 19 20 21 22 23 24 25



24 25 26 27 28 29 30 31

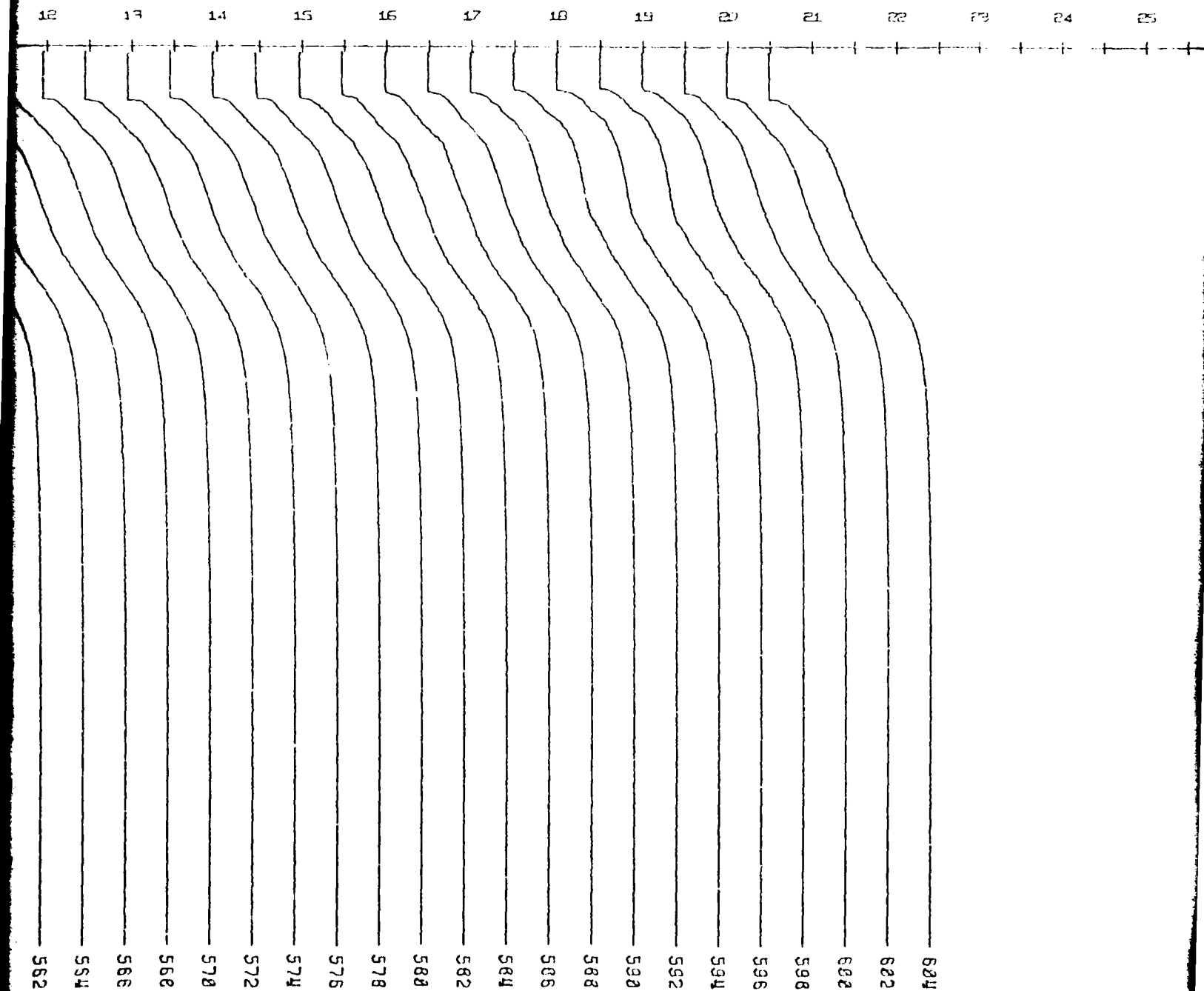


- NO MORE THAN ONE PROFILE PER HALF DAY (AM/PM EDT) IS PLOTTED
- EACH PROFILE PLOTTED WITH RESPECT TO LEFT DIVISION MARK (30.0 FPD)
- SALINITY SCALE SHIFTS RIGHT 1 DIVISION (1.0 FPD) PER HALF DAY



SALINITY PROFILES AT CAMP SNOWHIRE

APR 1, 1976 TO APR 30, 1976



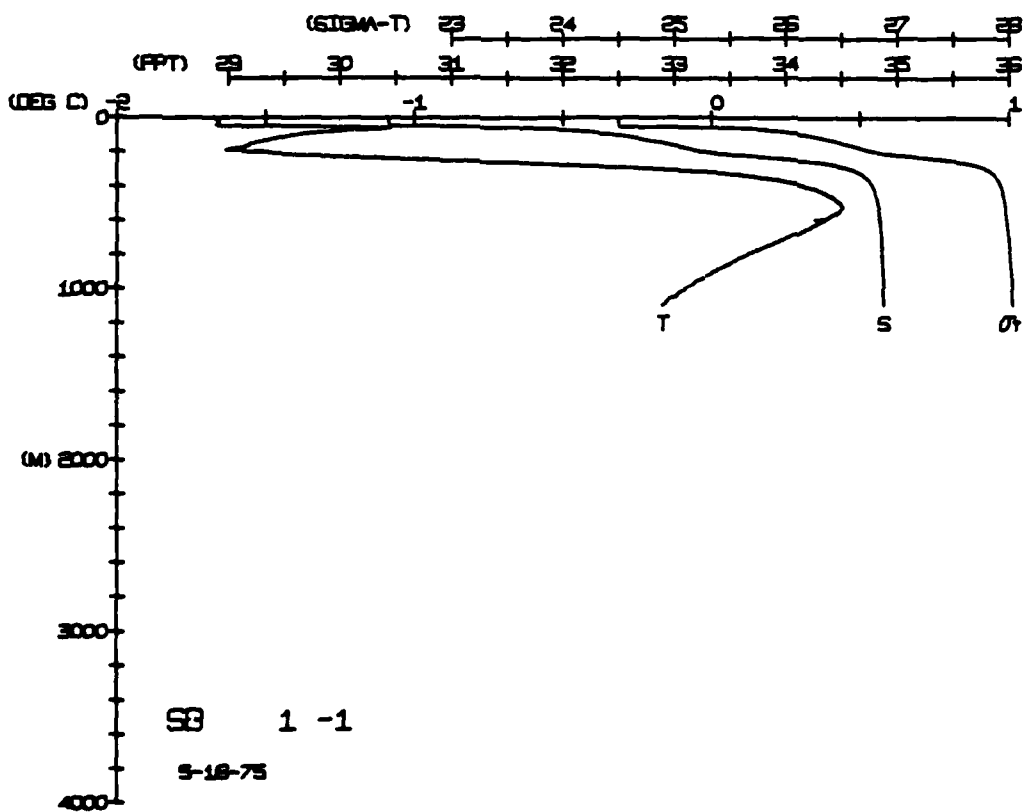
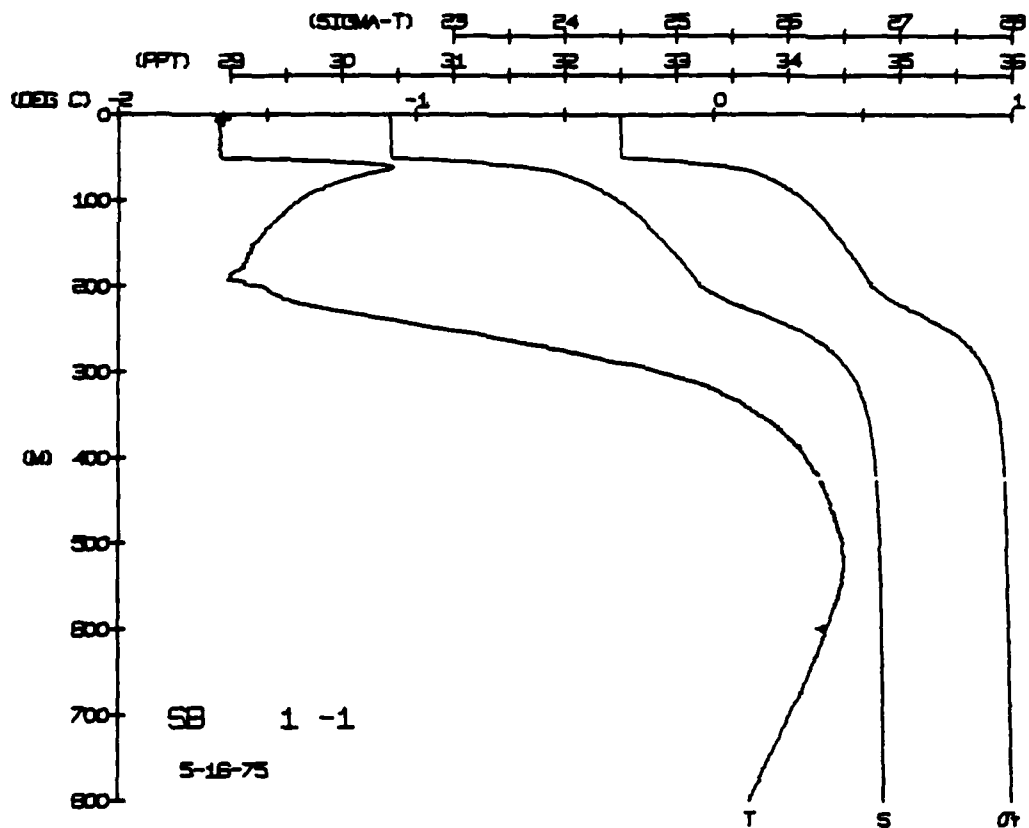
25 26 27 28 29 30

RESULTS

Section 2 (STD Data)

This section provides all of the STD data taken at Camp Snowbird during the 1975-1976 Arctic Ice Dynamics Joint Experiment. Numerical listings and corresponding plots are given.

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	66	66	33	29	35	0	14	0	66	0	33	28	10	5	143
5	66	66	33	29	35	0	14	500	66	0	33	28	9	6	146
10	66	66	33	29	35	0	14	950	66	0	33	28	7	6	146
15	66	66	33	29	35	0	14	1000	66	0	33	28	7	6	146
15	66	66	33	29	35	0	14	1000	66	0	33	28	7	6	146



SNOWBIRD STATION 3(1) CTD 17/MAY/1975 1829 GMT CODE = 1
LAT = 76.1519N LNG = 147.0528W LTER = 0. UGER = 1.
AIR TEMP = BARUM = 1012.0 WIND =

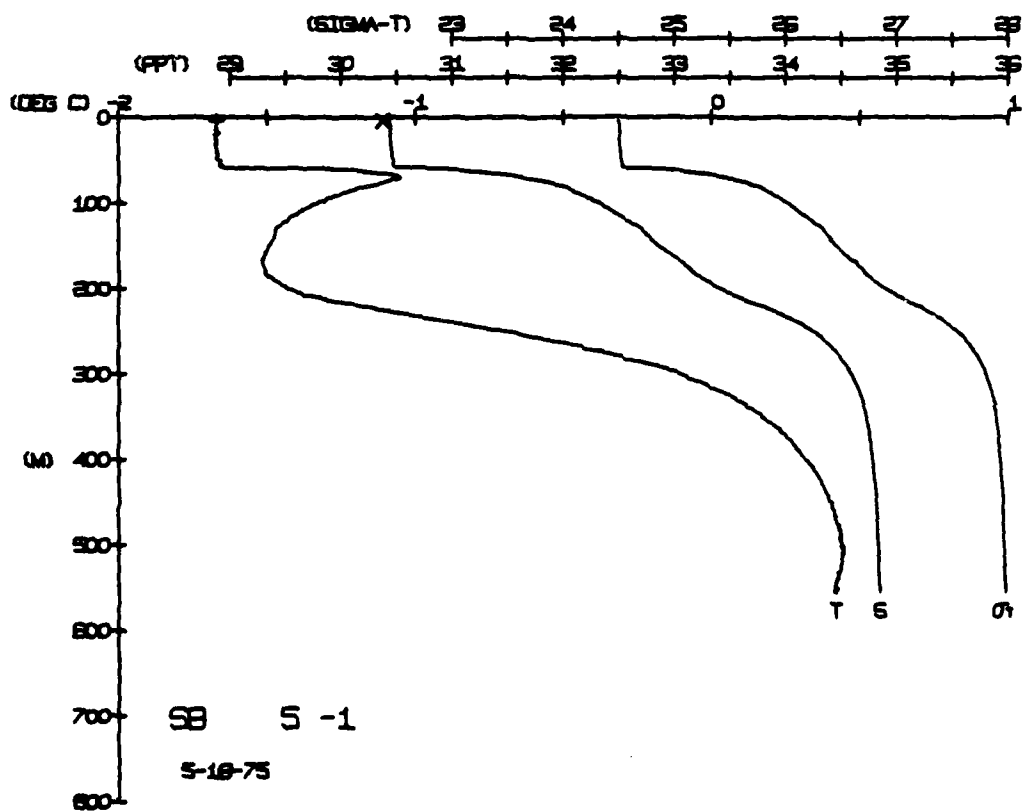
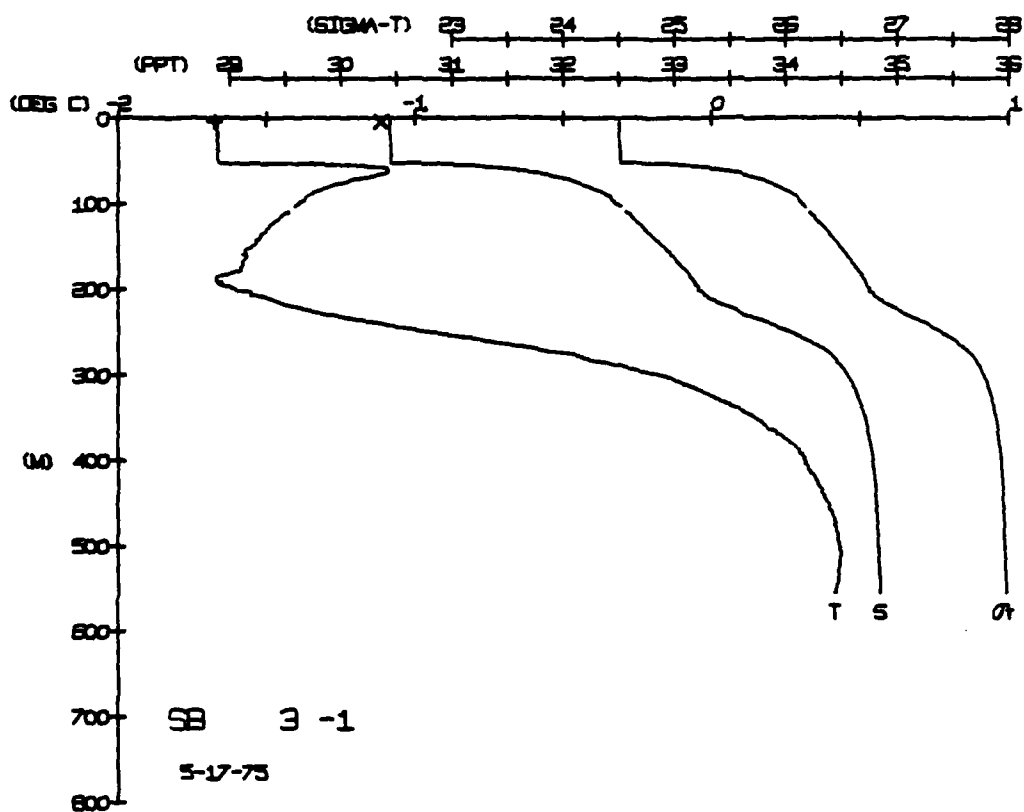
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1
36	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1
41	1	1	1	1	1	1	1
42	1	1	1	1	1	1	1
43	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1
45	1	1	1	1	1	1	1
46	1	1	1	1	1	1	1
47	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1
49	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1
52	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1
57	1	1	1	1	1	1	1
58	1	1	1	1	1	1	1
59	1	1	1	1	1	1	1
60	1	1	1	1	1	1	1
61	1	1	1	1	1	1	1
62	1	1	1	1	1	1	1
63	1	1	1	1	1	1	1
64	1	1	1	1	1	1	1
65	1	1	1	1	1	1	1
66	1	1	1	1	1	1	1
67	1	1	1	1	1	1	1
68	1	1	1	1	1	1	1
69	1	1	1	1	1	1	1
70	1	1	1	1	1	1	1
71	1	1	1	1	1	1	1
72	1	1	1	1	1	1	1
73	1	1	1	1	1	1	1
74	1	1	1	1	1	1	1
75	1	1	1	1	1	1	1
76	1	1	1	1	1	1	1
77	1	1	1	1	1	1	1
78	1	1	1	1	1	1	1
79	1	1	1	1	1	1	1
80	1	1	1	1	1	1	1
81	1	1	1	1	1	1	1
82	1	1	1	1	1	1	1
83	1	1	1	1	1	1	1
84	1	1	1	1	1	1	1
85	1	1	1	1	1	1	1
86	1	1	1	1	1	1	1
87	1	1	1	1	1	1	1
88	1	1	1	1	1	1	1
89	1	1	1	1	1	1	1
90	1	1	1	1	1	1	1
91	1	1	1	1	1	1	1
92	1	1	1	1	1	1	1
93	1	1	1	1	1	1	1
94	1	1	1	1	1	1	1
95	1	1	1	1	1	1	1
96	1	1	1	1	1	1	1
97	1	1	1	1	1	1	1
98	1	1	1	1	1	1	1
99	1	1	1	1	1	1	1
100	1	1	1	1	1	1	1

DEPTH 4.0 BUT NUM = 1 TEMP -1.68 SALIN 30.36

SNOWBIRD STATION 5(1) CTD 18/MAY/1975 1822 GMT CODE = 1
LAT = 76.1609N LNG = 146.0388W LTER = 1. UGER = 1.
AIR TEMP = BARUM = 1015.0 WIND =

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1
36	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1
41	1	1	1	1	1	1	1
42	1	1	1	1	1	1	1
43	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1
45	1	1	1	1	1	1	1
46	1	1	1	1	1	1	1
47	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1
49	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1
52	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1
57	1	1	1	1	1	1	1
58	1	1	1	1	1	1	1
59	1	1	1	1	1	1	1
60	1	1	1	1	1	1	1
61	1	1	1	1	1	1	1
62	1	1	1	1	1	1	1
63	1	1	1	1	1	1	1
64	1	1	1	1	1	1	1
65	1	1	1	1	1	1	1
66	1	1	1	1	1	1	1
67	1	1	1	1	1	1	1
68	1	1	1	1	1	1	1
69	1	1	1	1	1	1	1
70	1	1	1	1	1	1	1
71	1	1	1	1	1	1	1
72	1	1	1	1	1	1	1
73	1	1	1	1	1	1	1
74	1	1	1	1	1	1	1
75	1	1	1	1	1	1	1
76	1	1	1	1	1	1	1
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78	1	1	1	1	1	1	1
79	1	1	1	1	1	1	1
80	1	1	1	1	1	1	1
81	1	1	1	1	1	1	1
82	1	1	1	1	1	1	1
83	1	1	1	1	1	1	1
84	1	1	1	1	1	1	1
85	1	1	1	1	1	1	1
86	1	1	1	1	1	1	1
87	1	1	1	1	1	1	1
88	1	1	1	1	1	1	1
89	1	1	1	1	1	1	1
90	1	1	1	1	1	1	1
91	1	1	1	1	1	1	1
92	1	1	1	1	1	1	1
93	1	1	1	1	1	1	1
94	1	1	1	1	1	1	1
95	1	1	1	1	1	1	1
96	1	1	1	1	1	1	1
97	1	1	1	1	1	1	1
98	1	1	1	1	1	1	1
99	1	1	1	1	1	1	1
100	1	1	1	1	1	1	1

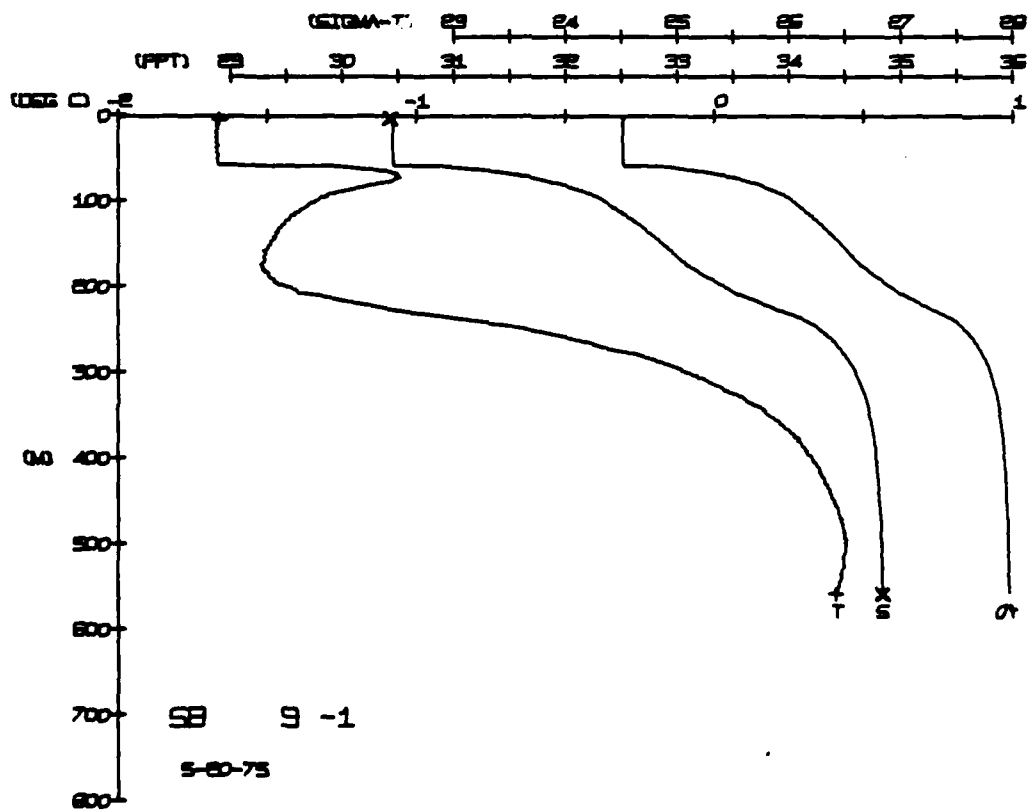
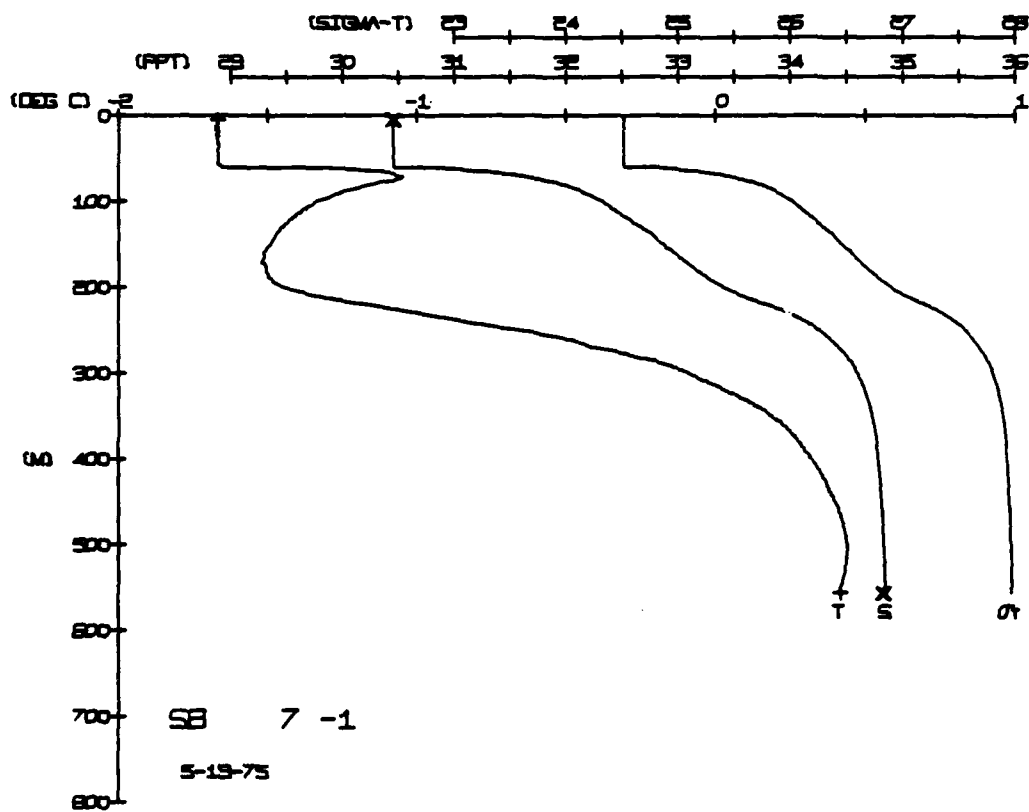
DEPTH 4.0 BUT NUM = 1 TEMP -1.67 SALIN 30.38



SNOWBIRD STATION 9(1) CTD 20/MAY/1975 1800 GMT CODE = 1
LAT = 76.1068N LNG = 148.3653W CTER = 2.
AIR TEMP = BAROM = 1022.3 WIND =
1. LGER =
SPEED =

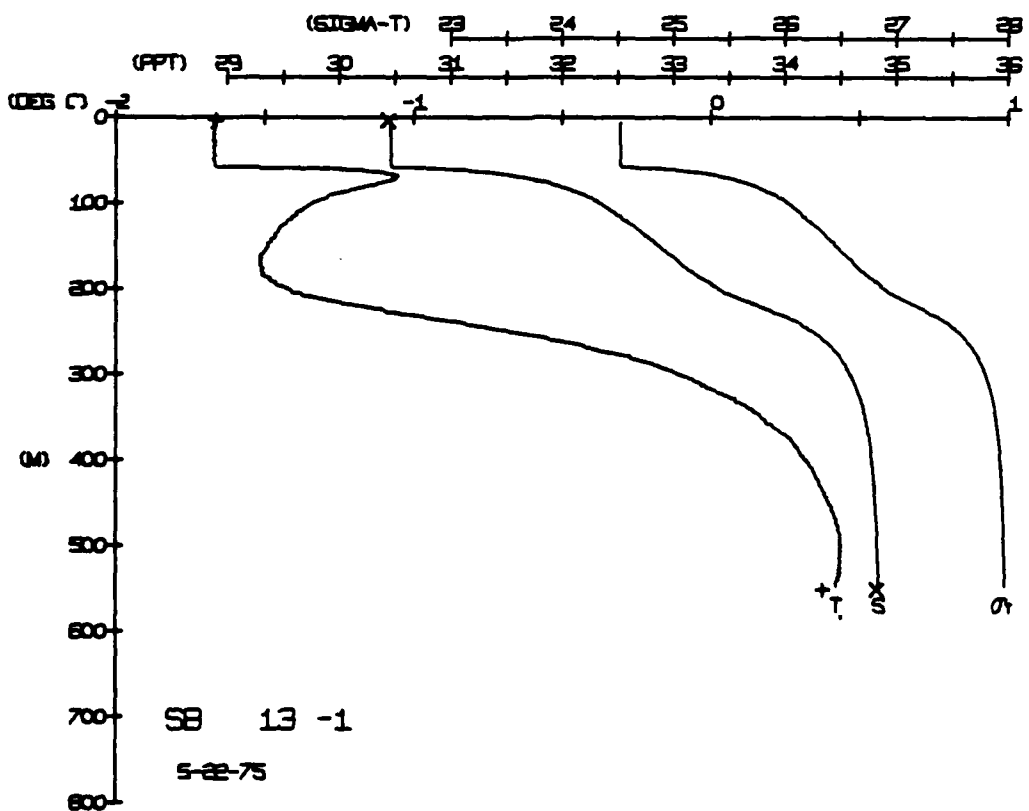
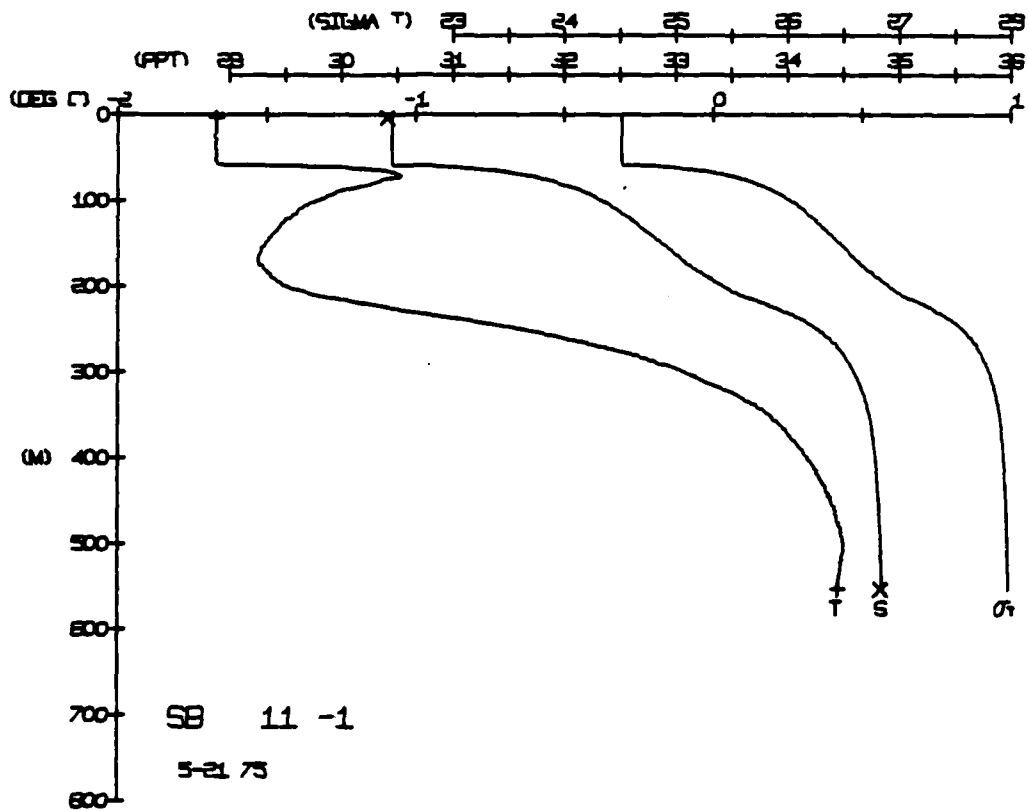
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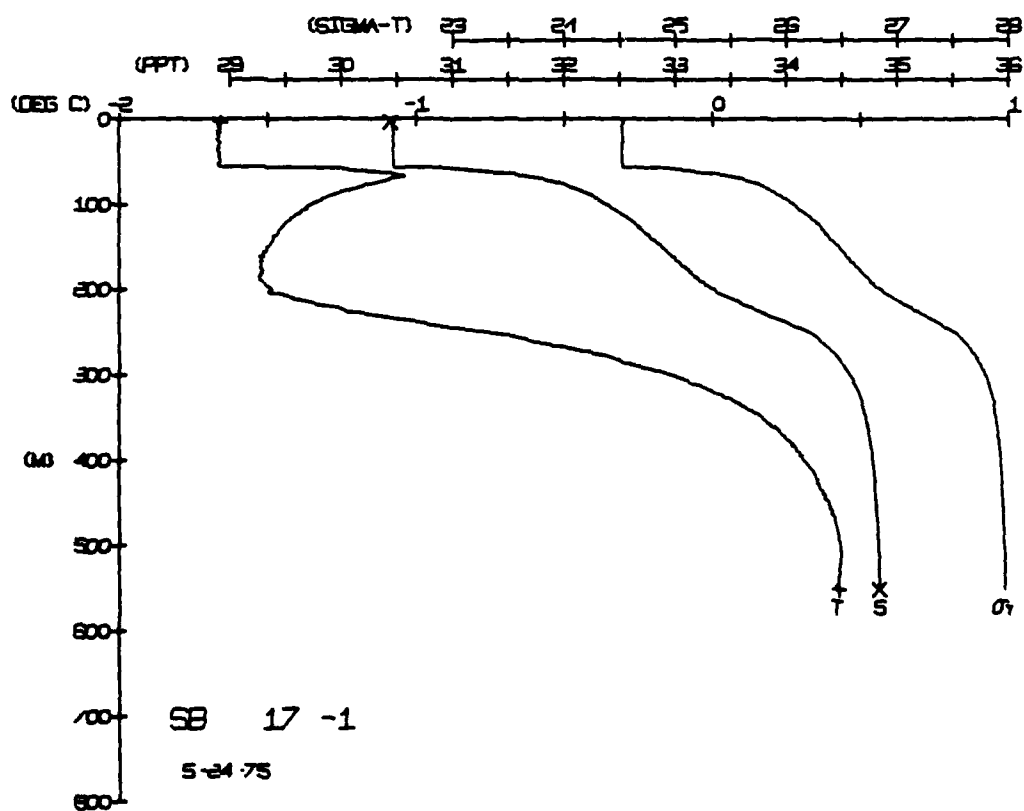
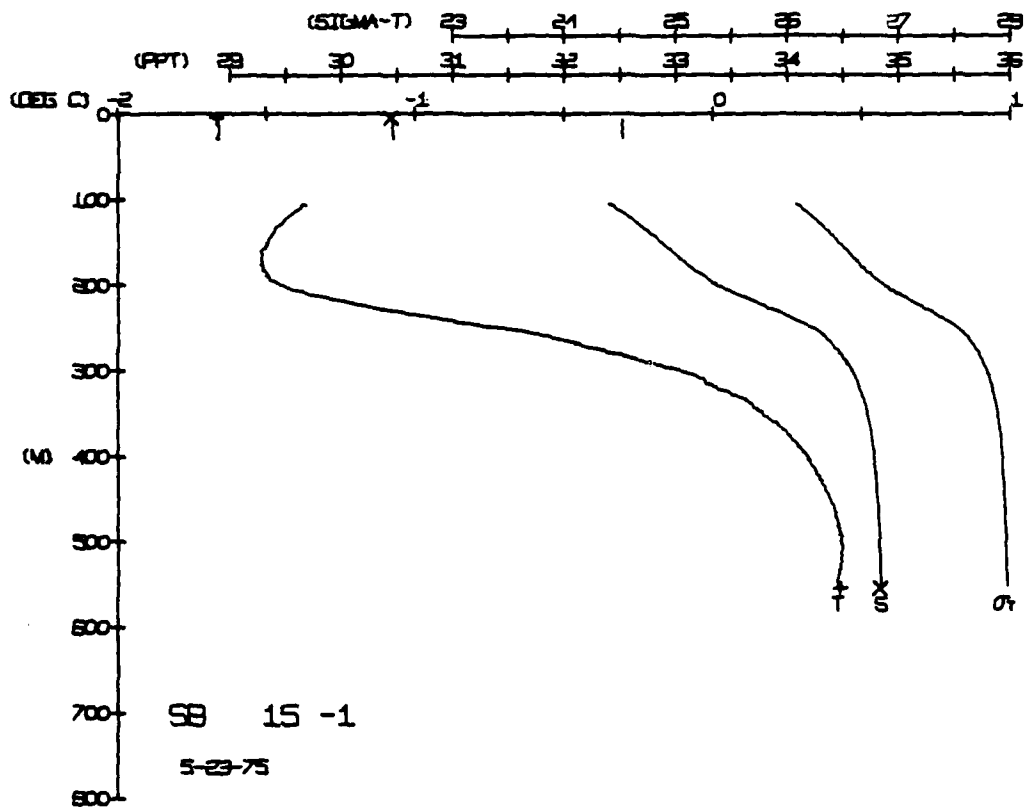
	DEPTH	TEMP.	SALIN
BOT NUM = 1	3.9	-1.66	30.43
HOT NUM = 2	558.1	0.41	34.84



SNOWBIRD STATION 13(1) CTD 27/MAY/1975 1800 GMT CODE = 1
LAT = 76.1454N LNG = 148.1981W LTER = 0 LGEX = 0
AIR TEMP = -11.5 BAROM = 1018.4 WIND = 214.6 SPEED = 17.4

DEPTH	TEMP	PTEMP	SALIN	SIC	SPVUL	DYNHT	SOUND
00	10.00	10.00	35.00	0.00	0.00	0.00	0.00
01	10.00	10.00	35.00	0.00	0.00	0.00	0.00
02	10.00	10.00	35.00	0.00	0.00	0.00	0.00
03	10.00	10.00	35.00	0.00	0.00	0.00	0.00
04	10.00	10.00	35.00	0.00	0.00	0.00	0.00
05	10.00	10.00	35.00	0.00	0.00	0.00	0.00
06	10.00	10.00	35.00	0.00	0.00	0.00	0.00
07	10.00	10.00	35.00	0.00	0.00	0.00	0.00
08	10.00	10.00	35.00	0.00	0.00	0.00	0.00
09	10.00	10.00	35.00	0.00	0.00	0.00	0.00
10	10.00	10.00	35.00	0.00	0.00	0.00	0.00
11	10.00	10.00	35.00	0.00	0.00	0.00	0.00
12	10.00	10.00	35.00	0.00	0.00	0.00	0.00
13	10.00	10.00	35.00	0.00	0.00	0.00	0.00
14	10.00	10.00	35.00	0.00	0.00	0.00	0.00
15	10.00	10.00	35.00	0.00	0.00	0.00	0.00
16	10.00	10.00	35.00	0.00	0.00	0.00	0.00
17	10.00	10.00	35.00	0.00	0.00	0.00	0.00
18	10.00	10.00	35.00	0.00	0.00	0.00	0.00
19	10.00	10.00	35.00	0.00	0.00	0.00	0.00
20	10.00	10.00	35.00	0.00	0.00	0.00	0.00
21	10.00	10.00	35.00	0.00	0.00	0.00	0.00
22	10.00	10.00	35.00	0.00	0.00	0.00	0.00
23	10.00	10.00	35.00	0.00	0.00	0.00	0.00
24	10.00	10.00	35.00	0.00	0.00	0.00	0.00
25	10.00	10.00	35.00	0.00	0.00	0.00	0.00
26	10.00	10.00	35.00	0.00	0.00	0.00	0.00
27	10.00	10.00	35.00	0.00	0.00	0.00	0.00
28	10.00	10.00	35.00	0.00	0.00	0.00	0.00
29	10.00	10.00	35.00	0.00	0.00	0.00	0.00
30	10.00	10.00	35.00	0.00	0.00	0.00	0.00
31	10.00	10.00	35.00	0.00	0.00	0.00	0.00
32	10.00	10.00	35.00	0.00	0.00	0.00	0.00
33	10.00	10.00	35.00	0.00	0.00	0.00	0.00
34	10.00	10.00	35.00	0.00	0.00	0.00	0.00
35	10.00	10.00	35.00	0.00	0.00	0.00	0.00
36	10.00	10.00	35.00	0.00	0.00	0.00	0.00
37	10.00	10.00	35.00	0.00	0.00	0.00	0.00
38	10.00	10.00	35.00	0.00	0.00	0.00	0.00
39	10.00	10.00	35.00	0.00	0.00	0.00	0.00
40	10.00	10.00	35.00	0.00	0.00	0.00	0.00
41	10.00	10.00	35.00	0.00	0.00	0.00	0.00
42	10.00	10.00	35.00	0.00	0.00	0.00	0.00
43	10.00	10.00	35.00	0.00	0.00	0.00	0.00
44	10.00	10.00	35.00	0.00	0.00	0.00	0.00
45	10.00	10.00	35.00	0.00	0.00	0.00	0.00
46	10.00	10.00	35.00	0.00	0.00	0.00	0.00
47	10.00	10.00	35.00	0.00	0.00	0.00	0.00
48	10.00	10.00	35.00	0.00	0.00	0.00	0.00
49	10.00	10.00	35.00	0.00	0.00	0.00	0.00
50	10.00	10.00	35.00	0.00	0.00	0.00	0.0





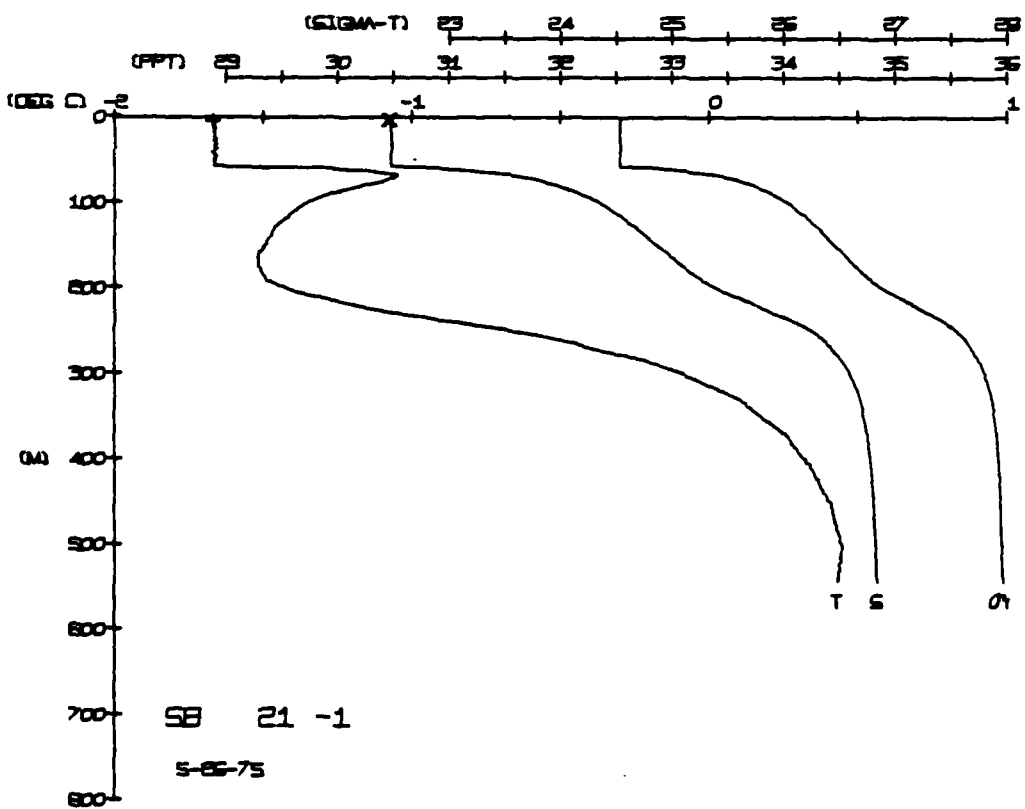
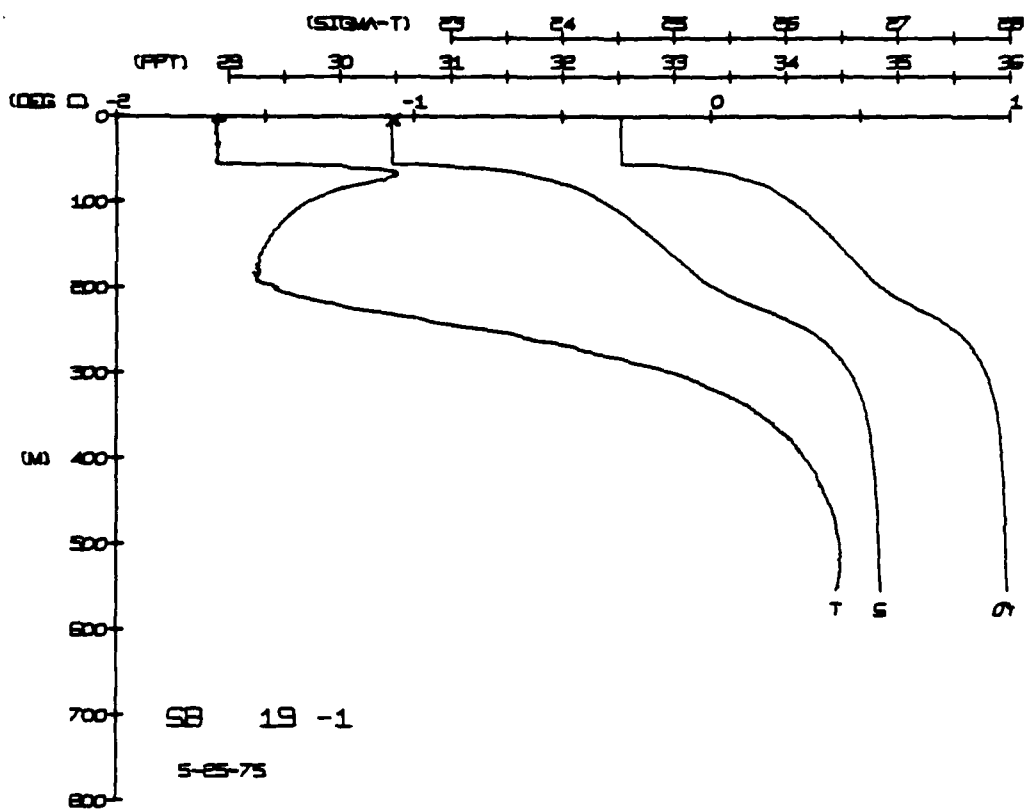
SNOWBIRD STATION 21(1) CTD 26/MAY/1975 1800 GMT CODE = 1
LAT = 76.1710N LNG = 148.2656W LTER = 1 LGFR = 2
AIR TEMP = -10.3 BARUM = 1025.7 WIND = 51.7 SPEED = 63.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	67	1	30	52	42	00	1
5	67	1	30	52	42	00	1
10	67	1	30	52	42	00	1
15	66	1	30	52	42	00	1
20	66	1	30	52	42	00	1
25	66	1	30	52	42	00	1
30	66	1	30	52	42	00	1
35	66	1	30	52	42	00	1
40	66	1	30	52	42	00	1
45	66	1	30	52	42	00	1
50	66	1	30	52	42	00	1
55	66	1	30	52	42	00	1
60	66	1	30	52	42	00	1
65	66	1	30	52	42	00	1
70	66	1	30	52	42	00	1
75	66	1	30	52	42	00	1
80	66	1	30	52	42	00	1
85	66	1	30	52	42	00	1
90	66	1	30	52	42	00	1
95	66	1	30	52	42	00	1
100	66	1	30	52	42	00	1
105	66	1	30	52	42	00	1
110	66	1	30	52	42	00	1
115	66	1	30	52	42	00	1
120	66	1	30	52	42	00	1
125	66	1	30	52	42	00	1
130	66	1	30	52	42	00	1
135	66	1	30	52	42	00	1
140	66	1	30	52	42	00	1
145	66	1	30	52	42	00	1
150	66	1	30	52	42	00	1
155	66	1	30	52	42	00	1
160	66	1	30	52	42	00	1
165	66	1	30	52	42	00	1
170	66	1	30	52	42	00	1
175	66	1	30	52	42	00	1
180	66	1	30	52	42	00	1
185	66	1	30	52	42	00	1
190	66	1	30	52	42	00	1
195	66	1	30	52	42	00	1
200	66	1	30	52	42	00	1
205	66	1	30	52	42	00	1
210	66	1	30	52	42	00	1
215	66	1	30	52	42	00	1
220	66	1	30	52	42	00	1
225	66	1	30	52	42	00	1
230	66	1	30	52	42	00	1
235	66	1	30	52	42	00	1
240	66	1	30	52	42	00	1
245	66	1	30	52	42	00	1
250	66	1	30	52	42	00	1
255	66	1	30	52	42	00	1
260	66	1	30	52	42	00	1
265	66	1	30	52	42	00	1
270	66	1	30	52	42	00	1
275	66	1	30	52	42	00	1
280	66	1	30	52	42	00	1
285	66	1	30	52	42	00	1
290	66	1	30	52	42	00	1
295	66	1	30	52	42	00	1
300	66	1	30	52	42	00	1
305	66	1	30	52	42	00	1
310	66	1	30	52	42	00	1
315	66	1	30	52	42	00	1
320	66	1	30	52	42	00	1
325	66	1	30	52	42	00	1
330	66	1	30	52	42	00	1
335	66	1					

	DEPTH	TEMP.	SALIN
BUT NUM = 1	3.9	-1.66	30.48
BUT NUM = 2	567.6	0.42	34.84

DEPTH	TEMP	PIEP	SALIN	SIG. T	SPVOL	DYNHT	SOUND
0	77.67	66.66	77.66	66.66	77.66	66.66	77.66
5	77.67	66.66	77.66	66.66	77.66	66.66	77.66
10	77.67	66.66	77.66	66.66	77.66	66.66	77.66
15	77.67	66.66	77.66	66.66	77.66	66.66	77.66
20	77.67	66.66	77.66	66.66	77.66	66.66	77.66
25	77.67	66.66	77.66	66.66	77.66	66.66	77.66
30	77.67	66.66	77.66	66.66	77.66	66.66	77.66
35	77.67	66.66	77.66	66.66	77.66	66.66	77.66
40	77.67	66.66	77.66	66.66	77.66	66.66	77.66
45	77.67	66.66	77.66	66.66	77.66	66.66	77.66
50	77.67	66.66	77.66	66.66	77.66	66.66	77.66
55	77.67	66.66	77.66	66.66	77.66	66.66	77.66
60	77.67	66.66	77.66	66.66	77.66	66.66	77.66
65	77.67	66.66	77.66	66.66	77.66	66.66	77.66
70	77.67	66.66	77.66	66.66	77.66	66.66	77.66
75	77.67	66.66	77.66	66.66	77.66	66.66	77.66
80	77.67	66.66	77.66	66.66	77.66	66.66	77.66
85	77.67	66.66	77.66	66.66	77.66	66.66	77.66
90	77.67	66.66	77.66	66.66	77.66	66.66	77.66
95	77.67	66.66	77.66	66.66	77.66	66.66	77.66
100	77.67	66.66	77.66	66.66	77.66	66.66	77.66
105	77.67	66.66	77.66	66.66	77.66	66.66	77.66
110	77.67	66.66	77.66	66.66	77.66	66.66	77.66
115	77.67	66.66	77.66	66.66	77.66	66.66	77.66
120	77.67	66.66	77.66	66.66	77.66	66.66	77.66
125	77.67	66.66	77.66	66.66	77.66	66.66	77.66
130	77.67	66.66	77.66	66.66	77.66	66.66	77.66
135	77.67	66.66	77.66	66.66	77.66	66.66	77.66
140	77.67	66.66	77.66	66.66	77.66	66.66	77.66
145	77.67	66.66	77.66	66.66	77.66	66.66	77.66
150	77.67	66.66	77.66	66.66	77.66	66.66	77.66
155	77.67	66.66	77.66	66.66	77.66	66.66	77.66
160	77.67	66.66	77.66	66.66	77.66	66.66	77.66
165	77.67	66.66	77.66	66.66	77.66	66.66	77.66
170	77.67	66.66	77.66	66.66	77.66	66.66	77.66
175	77.67	66.66	77.66	66.66	77.66	66.66	77.66
180	77.67	66.66	77.66	66.66	77.66	66.66	77.66
185	77.67	66.66	77.66	66.66	77.66	66.66	77.66
190	77.67	66.66	77.66	66.66	77.66	66.66	77.66
195	77.67	66.66	77.66	66.66	77.66	66.66	77.66
200	77.67	66.66	77.66	66.66	77.66	66.66	77.66
205	77.67	66.66	77.66	66.66	77.66	66.66	77.66
210	77.67	66.66	77.66	66.66	77.66	66.66	77.66
215	77.67	66.66	77.66	66.66	77.66	66.66	77.66
220	77.67	66.66	77.66	66.66	77.66	66.66	77.66
225	77.67	66.66	77.66	66.66	77.66	66.66	77.66
230	77.67	66.66	77.66	66.66	77.66	66.66	77.66
235	77.67	66.66	77.66	66.66	77.66	66.66	77.66
240							

DEPTH	TEMP.	SALIN.
3.9	-1.67	30.46
708.2	0.40	34.83



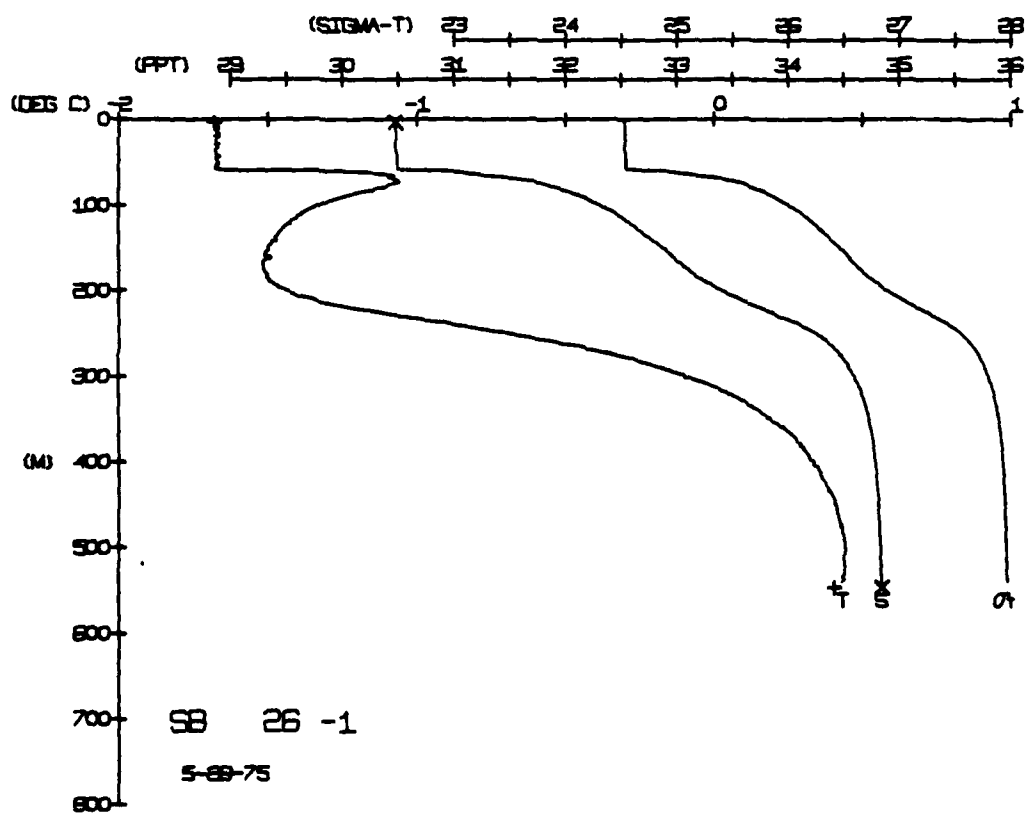
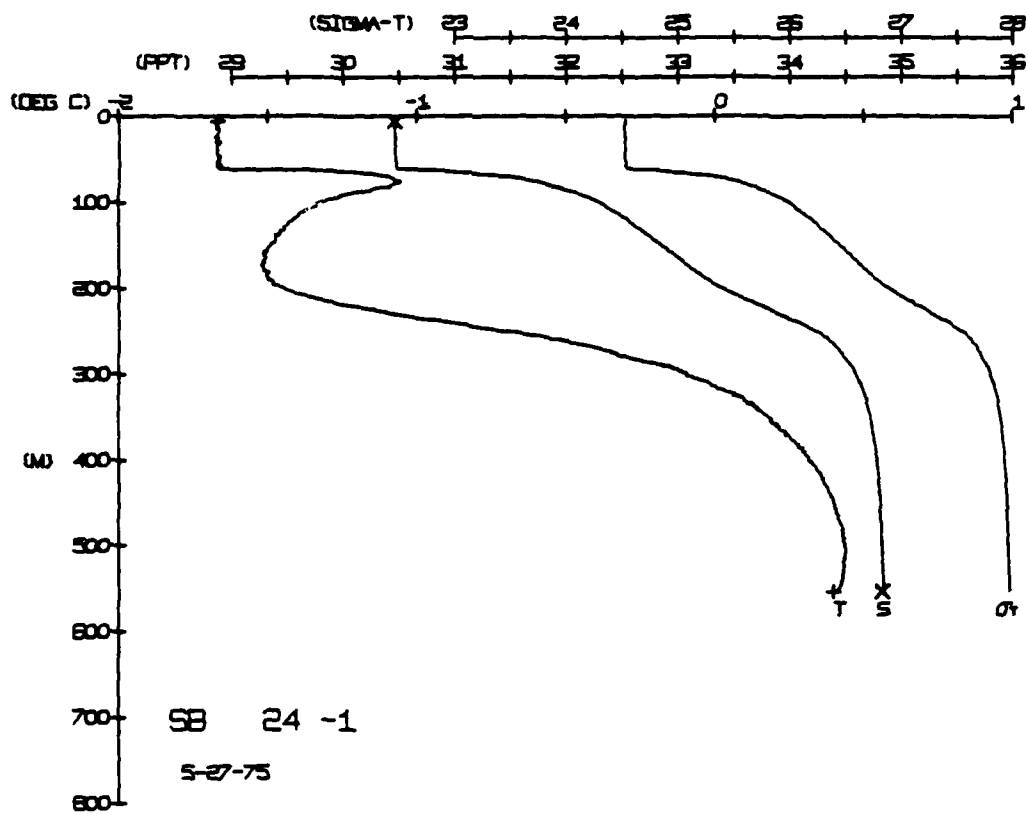
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SNOWBIRD STATION 26(1) CTD 28/MAY/1975 1800 GMT CUDE = 1
LAT = 76.2275N LNG = 149.0498W ITEM = 0 LGEN = 0
AIR TEMP = -9.2 HARUM = 1027.9 WIND = 97.6 SPEED = 63.4

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DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYHHT	SOUND
0.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
0.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
1.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
1.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
2.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
2.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
3.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
3.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
4.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
4.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
5.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
5.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
6.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
6.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
7.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
7.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
8.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
8.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
9.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
9.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
10.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
10.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
11.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
11.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
12.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
12.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
13.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
13.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
14.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
14.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
15.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
15.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
16.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
16.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
17.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
17.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
18.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
18.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
19.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
19.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
20.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
20.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
21.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
21.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
22.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
22.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
23.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
23.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
24.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
24.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
25.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
25.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
26.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
26.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
27.0	1.0	1.0	30.0	4.7	3.0	0.0	1.0
27.5	1.0	1.0	30.0	4.7	3.0	0.0	1.0
28							

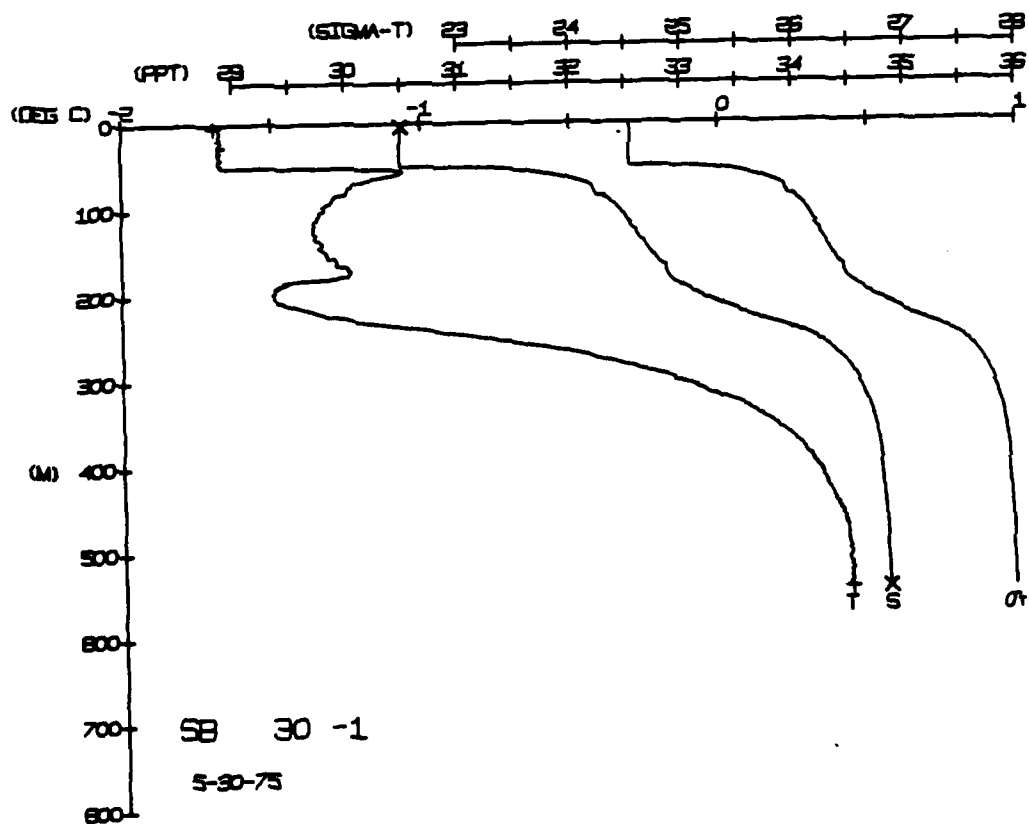
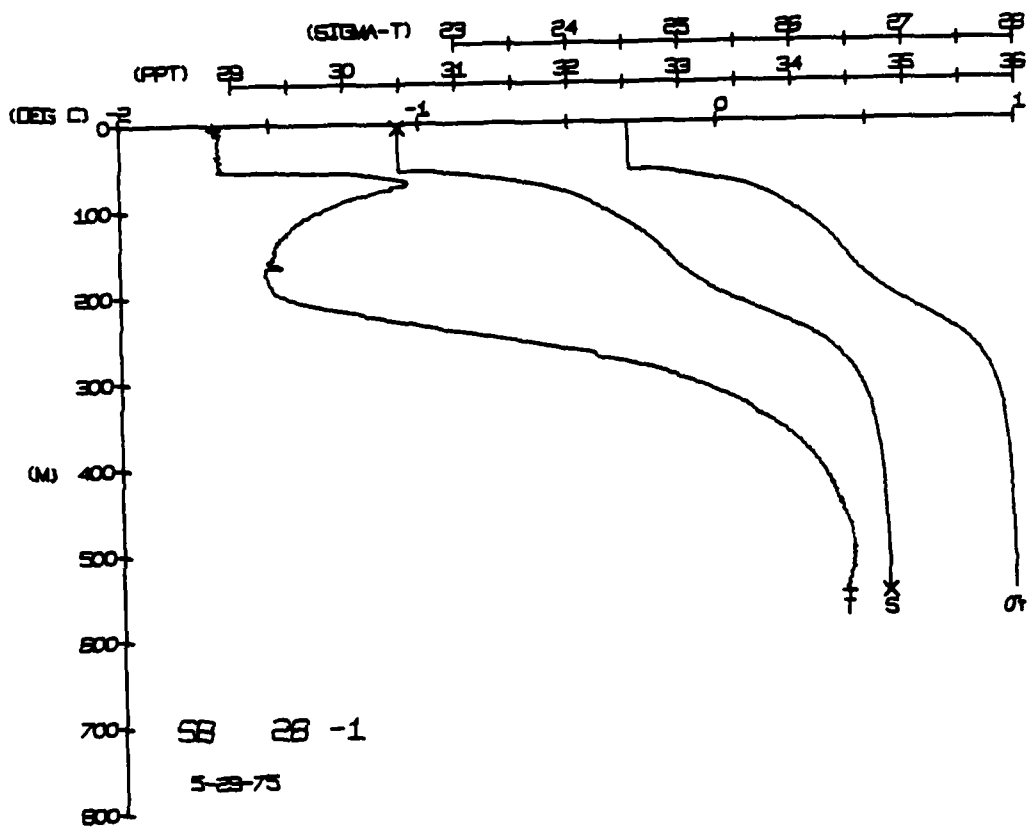
[illegible]



SNOWBIRD STATION 30(1) CTD 30/MAY/1975 1800 GMT CODE = 1
LAT = 76.3420N LNG = 149.6360W LTER = 0 LGER = 1
AIR TEMP = -6.6 BAROM = 1037.6 WIND = 112.2 SPEED = 69.7

[illegible]

	DEPTH	TEMP.	SALIN.
BT NUM = 1	3.5	-1.69	30.50
RT NUM = 2	544.8	0.44	34.85

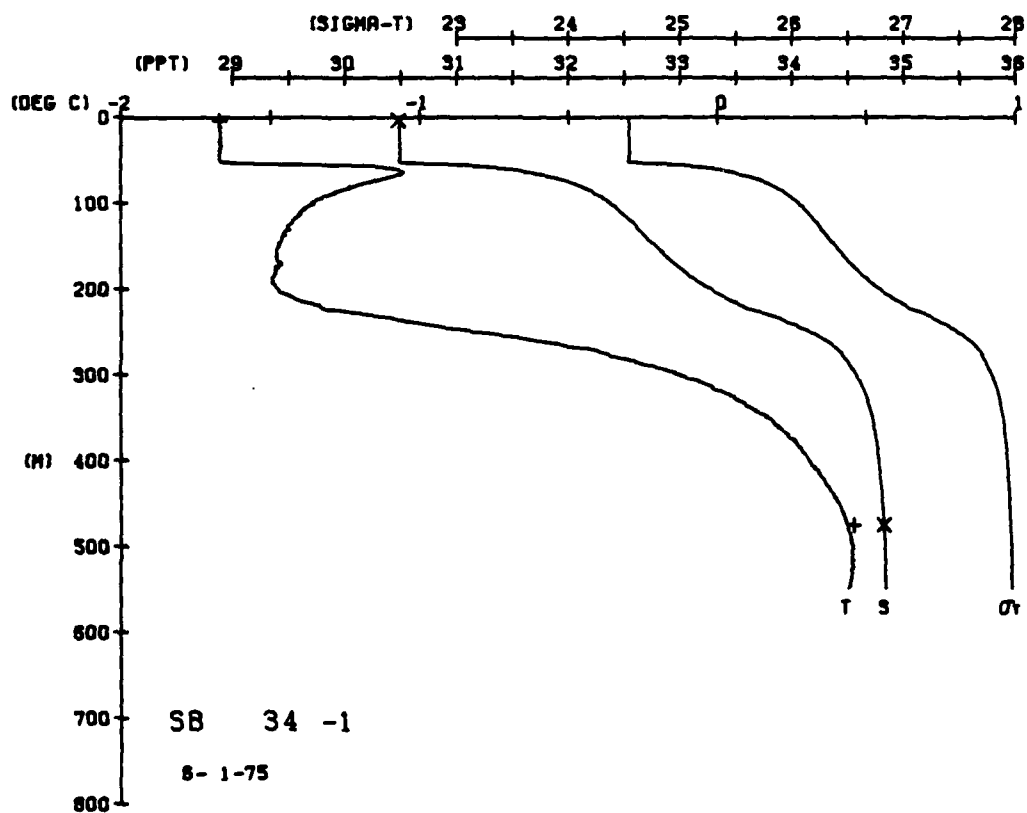
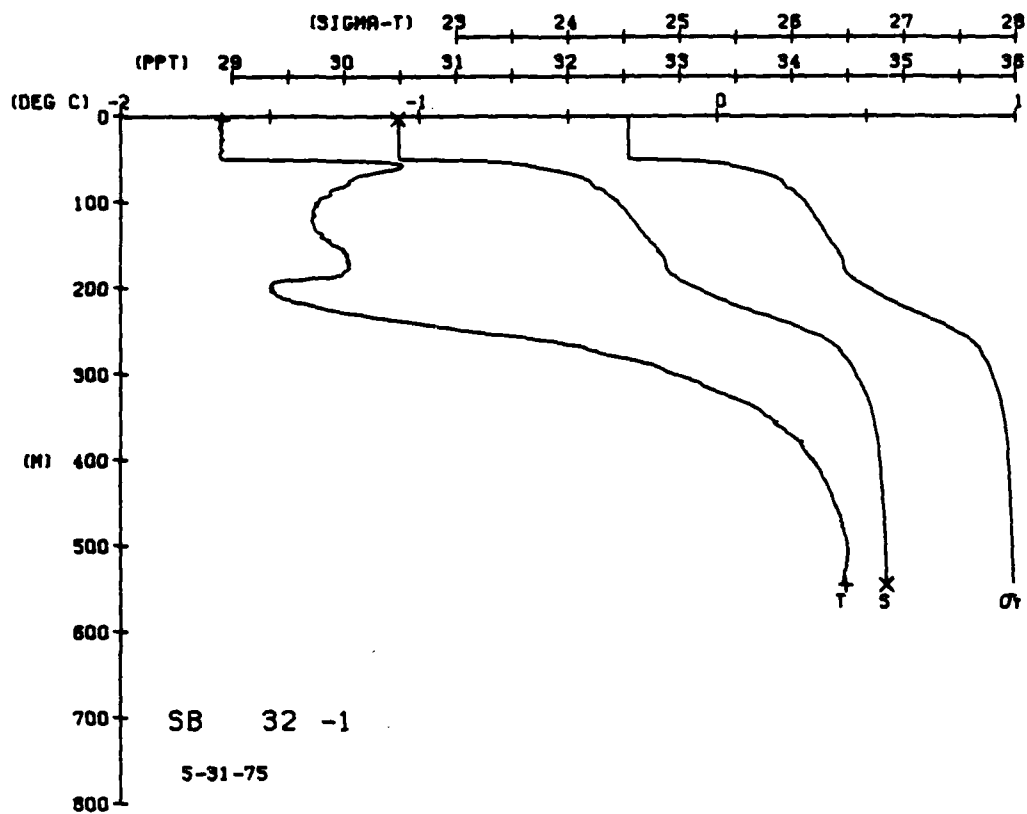


SNOWBIRD STATION 34(1) CTD 1/JUN/1975 1800 GMT CODE = 1
LAT = 76.3923N LNG = 149.9653W ITER = 0 LGER = 0
AIR TEMP = -7.9 BAROM = 1031.1 WIND = 58.6 SPEED = 45.3

[illegible]

	DEPTH	TEMP.	SALIN
BT NUM = 1	3.5	-1.66	30.48
BT NUM = 2	545.5	0.43	34.85

DEPTH	TEMP.	SALIN
3.9	-1.67	30.48
475.4	0.46	34.83



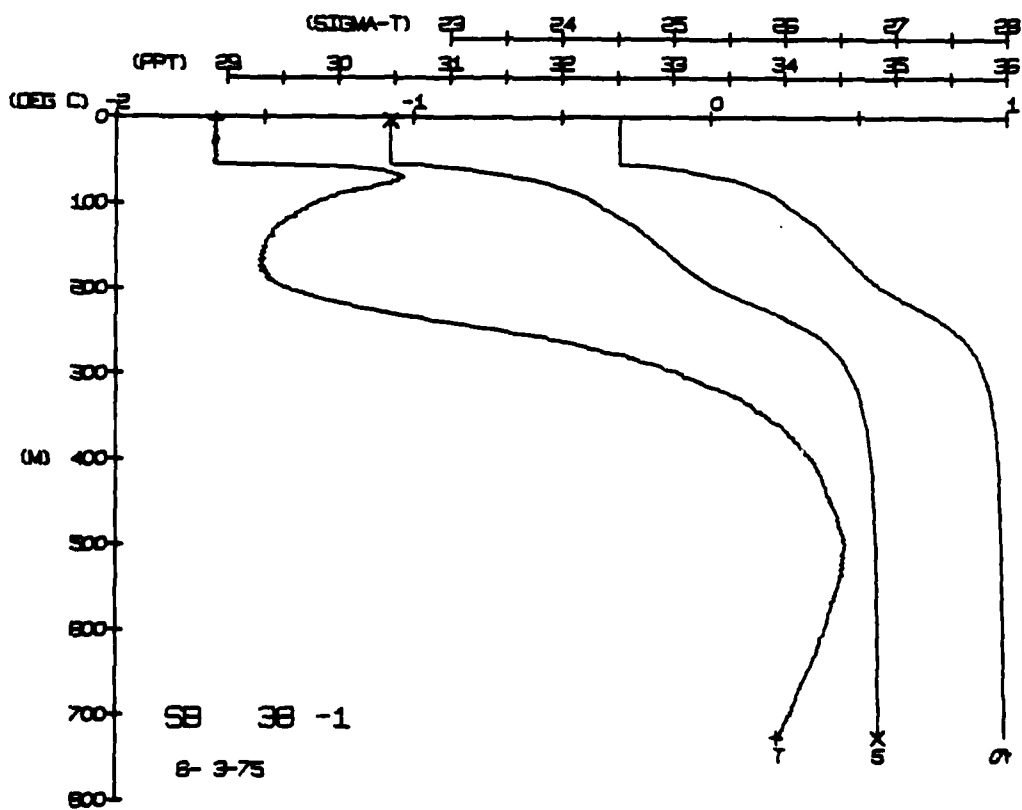
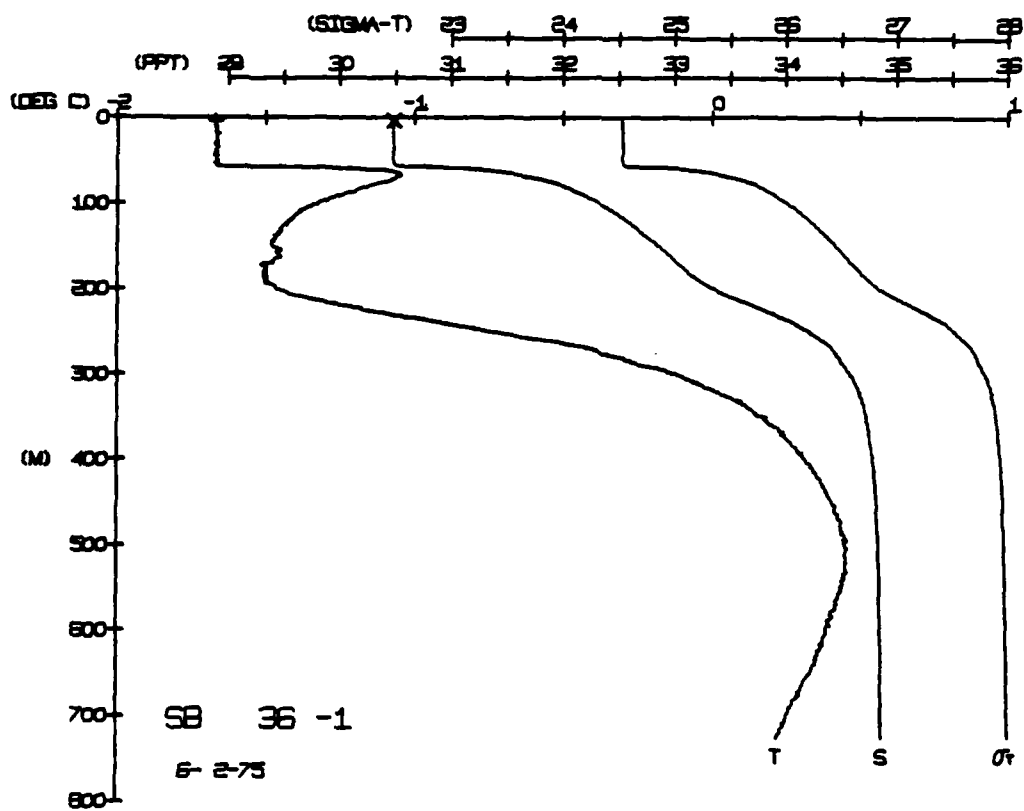
SNOWBIRD STATION 38(1) CTD 3/JUN/1975 1800 GMT CODE = 1
LCLAY = 76.4224N LNC = 150.3408W LTER = 1. LGEN = 2.
AIR TEMP = -8.2 BARUM = 1021.1 WIND = 122.2 SPEED = 21.5

SOUND	
DYNHI	
SPVUL	
SIG I	
SALIN	
PTMP	
TEMP	
UAPTH	

DEPTH	TEMP.	SALIN
3.9	-1.61	30.48

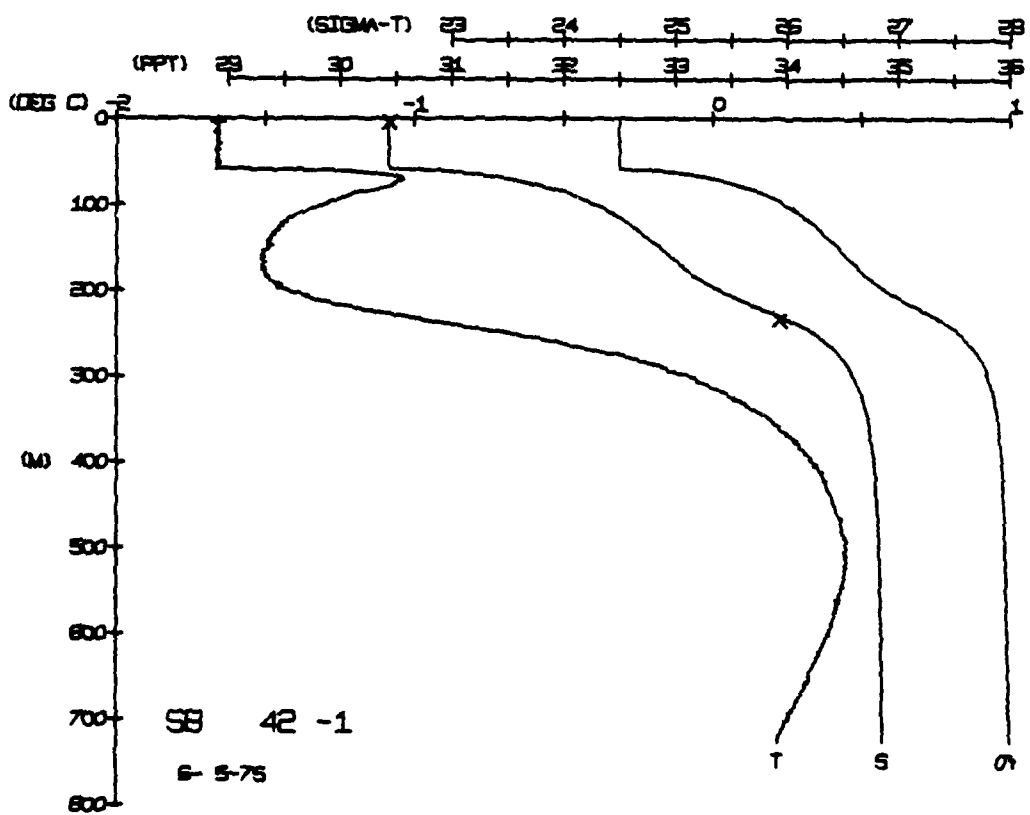
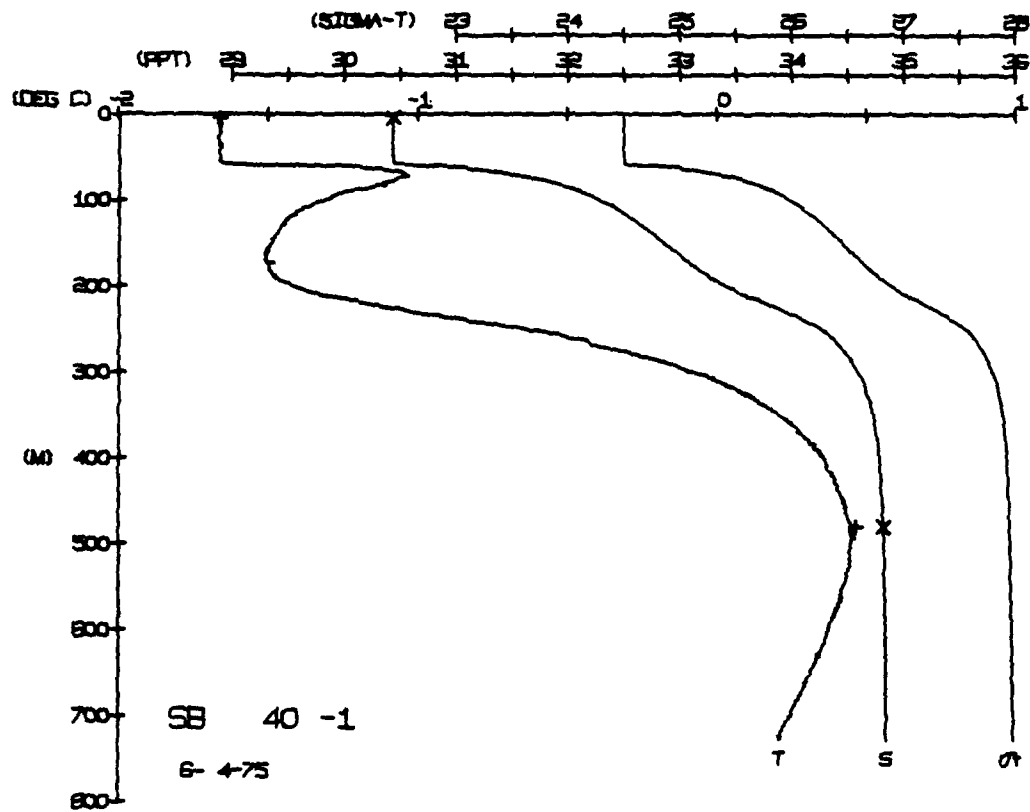
[illegible]

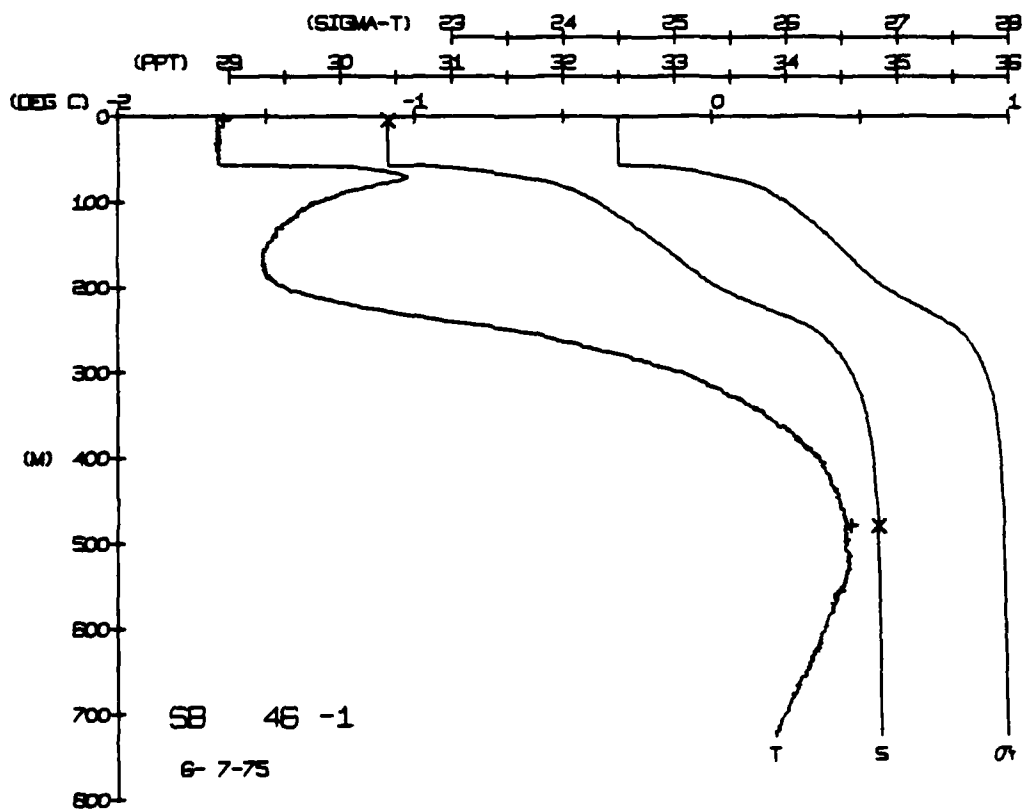
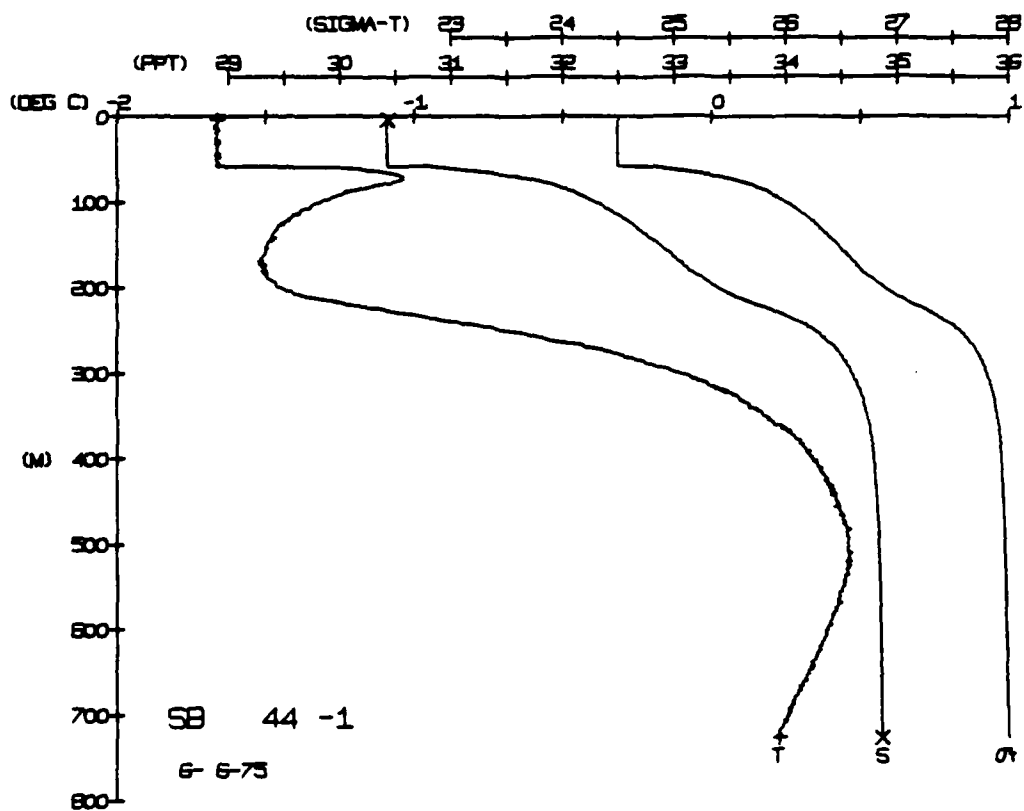
	DEPTH	TEMP.	SALIN.
SHOT NUM = 1	3.3	-1.66	30.46
ROT NUM = 2	125.0	0.23	34.47

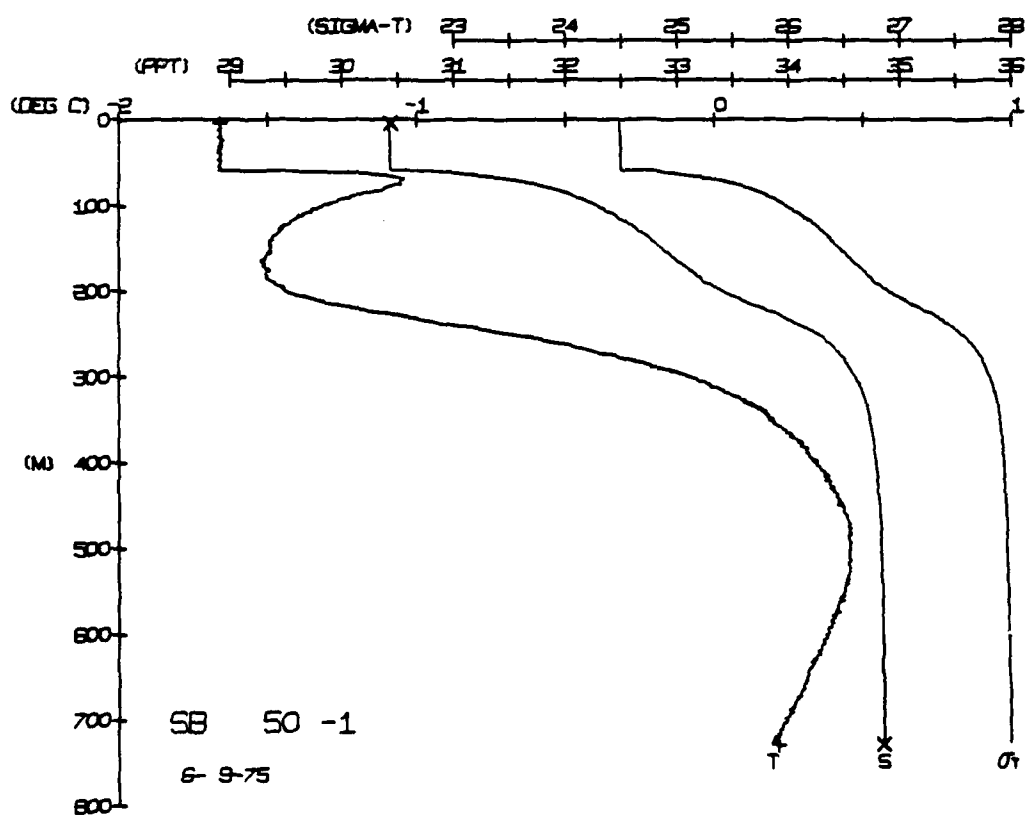
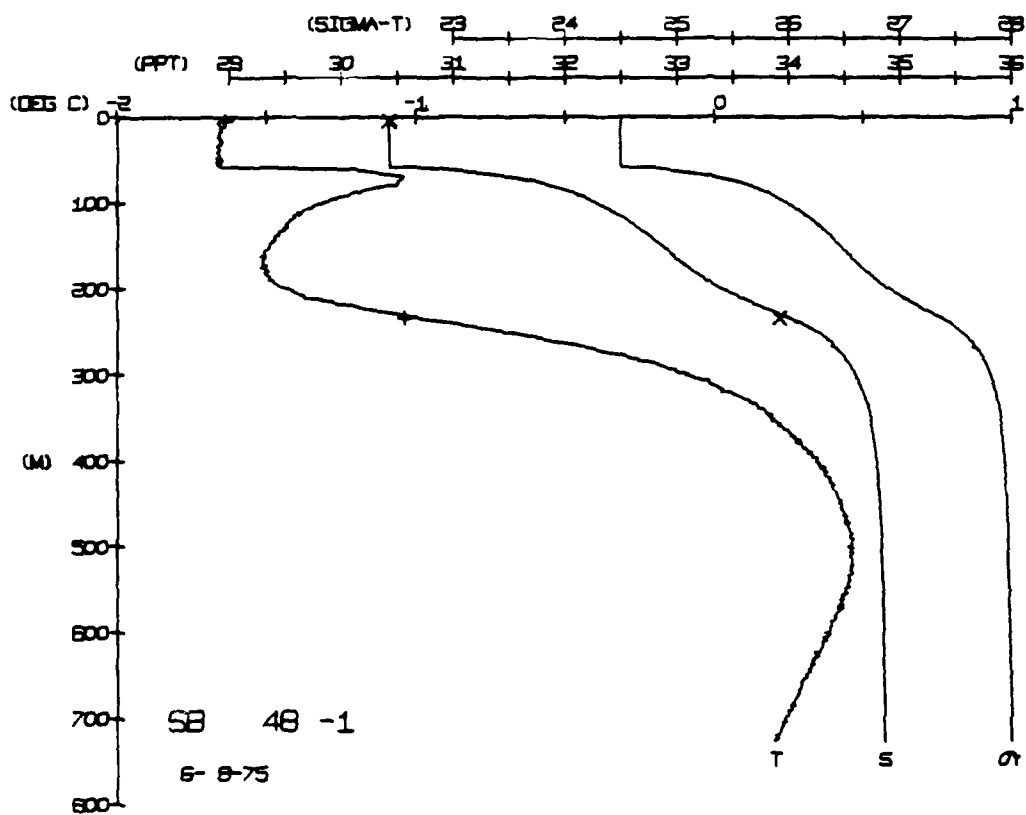


SNOWBIRD STATION 40(1) CTD 4/JUN/1975 1800 GMT CUDE = 1
LAT = 76.6413N LONG = 150.6413W LTER = 0 LGPR = 0
AIR TEMP = -8.2 BAROM = 1018.6 WIND = 122.2 SPEED = 21.5

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	66	66	44	44	3	00	11
1	66	66	44	44	4	00	11
2	66	66	44	44	5	00	11
3	66	66	44	44	6	00	11
4	66	66	44	44	7	00	11
5	66	66	44	44	8	00	11
6	66	66	44	44	9	00	11
7	66	66	44	44	10	00	11
8	66	66	44	44	11	00	11
9	66	66	44	44	12	00	11
10	66	66	44	44	13	00	11
11	66	66	44	44	14	00	11
12	66	66	44	44	15	00	11
13	66	66	44	44	16	00	11
14	66	66	44	44	17	00	11
15	66	66	44	44	18	00	11
16	66	66	44	44	19	00	11
17	66	66	44	44	20	00	11
18	66	66	44	44	21	00	11
19	66	66	44	44	22	00	11
20	66	66	44	44	23	00	11
21	66	66	44	44	24	00	11
22	66	66	44	44	25	00	11
23	66	66	44	44	26	00	11
24	66	66	44	44	27	00	11
25	66	66	44	44	28	00	11
26	66	66	44	44	29	00	11
27	66	66	44	44	30	00	11
28	66	66	44	44	31	00	11
29	66	66	44	44	32	00	11
30	66	66	44	44	33	00	11
31	66	66	44	44	34	00	11
32	66	66	44	44	35	00	11
33	66	66	44	44	36	00	11
34	66	66	44	44	37	00	11
35	66	66	44	44	38	00	11
36	66	66	44	44	39	00	11
37	66	66	44	44	40	00	11
38	66	66	44	44	41	00	11
39	66	66	44	44	42	00	11
40	66	66	44	44	43	00	11
41	66	66	44	44	44	00	11
42	66	66	44	44	45	00	11
43	66	66	44	44	46	00	11
44	66	66	44	44	47	00	11
45	66	66	44	44	48	00	11
46	66	66	44	44	49	00	11
47	66	66	44	44	50	00	11
48	66	66	44	44	51	00	11
49	66	66	44	44	52	00	11
50	66	66	44	44	53	00	11
51	66	66	44	44	54	00	11
52	66	66	44	44	55	00	11
53	66	66	44	44	56	00	11
54	66	66	44	44	57	00	11
55	66	66	44	44	58	00	11
56	66	66	44	44	59	00	11
57	66	66	44	44	60	00	11
58	66	66	44	44	61	00	11
59	66	66	44	44	62	00	11
60	66	66	44	44	63	00	11
61	66	66	44	44	64	00	11
62	66	66	44	44	65	00	11
63	66	66	44	44	66	00	11
64	66	66	44	44	67	00	11
65	66	66	44	44	68	00	11
66	66	66	44	44	69	00	11
67	66	66	44	44	70	00	11
68	66	66	44	44	71	00	11
69	66	66	44	44	72	00	11
70	66	66	44	44	73	00	11
71	66	66	44	44	74	00	11
72	66	66	44	44	75	00	11
73	66	66	44	44	76	00	11
74	66	66	44	44	77	00	11
75	66	66	44	44	78	00	11
76	66	66	44	44	79	00	11
77	66	66	44	44	80	00	11
78	66	66	44	44	81	00	11
79	66	66	44	44	82	00	11
80	66	66	44	44	83	00	11
81	66	66	44	44	84	00	11
82	66	66	44	44	85	00	11
83	66	66	44	44	86	00	11
84	66	66	44	44	87	00	11
85	66	66	44	44	88	00	11
86	66	66	44	44	89	00	11
87	66	66	44	44	90	00	11
88	66	66	44	44	91	00	11
89	66	66	44	44	92	00	11
90	66	66	44	44	93	00	11
91	66	66	44	44	94	00	11
92	66	66	44	44	95	00	11
93	66	66	44	44	96	00	11
94	66	66	44	44	97	00	11
95	66	66	44	44	98	00	11
96	66	66	44	44	99	00	11
97	66	66	44	44	100	00	11
98	66	66	44	44	101	00	11
99	66	66	44	44	102	00	11
100	66	66	44	44	103	00	11
101	66	66	44	44	104	00	11
102	66	66	44	44	105	00	11
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104	66	66	44	44	107	00	11
105	66	66	44	44	108	00	11
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109	66	66	44	44	112	00	11
110	66	66	44	44	113	00	11
111	66	66	44	44	114	00	11
112	66	66	44	44	115	00	11
113	66	66	44	44	116	00	11
114	66	66	44	44	117	00	11
115	66	66	44	44	118	00	11
116	66	66	44	44	119	00	11
117	66	66	44	44	120	00	11
118	66	66	44	44	121	00	11
119	66	66	44	44	122	00	11
120	66	66	44	44	123	00	11
121	66	66	44	44	124	00	11
122	66	66	44	44	125	00	11
123	66	66	44	44	126	00	11
124	66	66	44	44	127	00	11
125	66	66	44	44	128	00	11
126	66	66	44	44	129	00	11
127	66	66	44	44	130	00	11
128	66	66	44	44	131	00	11
129	66	66	44	44	132	00	11
130	66	66	44	44	133	00	11
131	66	66	44	44	134	00	11
132	66	66	44	44	135	00	11
133	66	66	44	44	136	00	11
134	66	66	44	44	137	00	11
135	66	66	44	44	138	00	11
136	66	66	44	44	139	00	11
137	66	66	44	44	140	00	11
138	66	66	44	44	141	00	11
139	66	66	44	44	142	00	11
140	66	66	44	44	143	00	11
141	66	66	44	44	144	00	11
142	66	66	44	44	145	00	11
143	66	66	44	44	146	00	11
144	66	66	44	44	147	00	11
145	66	66	44	44	148	00	11
146	66	66	44	44	149	00	11
147	66	66	44	44	150	00	11
148	66	66	44	44	151	00	11
149	66	66	44	44	152	00	11
150	66	66	44	44	153	00	11
151	66	66	44	44	154	00	11
152	66	66	44	44	155	00	11
153	66	66	44	44	156	00	11
154	66	66	44	44	157	00	11
155	66	66	44	44	158	00	11
156	66	66	44	44	159	00	11
157	66	66	44	44	160	00	11
158	66	66	44	44	161	00	11
159	66	66	44	44	162	00	11
160	66	66	44	44	163	00	11
161	66	66	44	44	164	00	11
162	66	66	44	44	165	00	11
163	66	66	44	44	166	00	11
164	66	66	44	44	167	00	11
165	66	66	44	44	168	00	11
166	66	66	44	44	169	00	11
167	66	66	44	44	170	00	11
168	66	66	44	44	171	00	11
169	66	66	44	44	172	00	11
170	66	66	44	44	173	00	11
171	66	66	44	44	174	00	11
172	66	66	44	44	175	00	11
173	66	66	44	44	176	00	11
174	66	66	44	44	177	00	11
175	66	66	44	44	178	00	11
176	66	66	44	44	179	00	11
177	66	66	44	44	180	00	11
178	66	66	44	44	181	00	11
179	66	66	44	44	182	00	11
180	66	66	44	44	183	00	11
181	66	66	44	44	184	00	11
182	66	66	44	44	185	00	11
183	66	66	44	44	186	00	11
184	66	66	44	44	187	00	11
185	66	66	44	44	188	00	11
186	66	66	44	44	189	00	11
187	66	66	44	44	190	00	11
188	66	66	44	44	191	00	11
189	66	66	44	44	192	00	11
190	66	66	44	44	193	00	11
191	66	66	44	44	194	00	11
192	66	66	44	44	195	00	11
193	66	66	44	44	196	00	11
194	66	66	44	44	197	00	11
195	66	66	44	44	198	00	11
196	66	66	44	44	199	00	11
197	66	66	44	44	200	00	11
198	66	66	44	44	201	00	11
199	66	66	44				







SMUMHIRD STATION 52(1) CTD 10/JUN/1975 1800 GMT CONF = 1
 SAL = 76.310N LAG = 151.2618N LTER = 2 LGR = 3
 SURF = -5.3 HARUM = 1017.5 WIND = 345.7 SPEED = 16.1

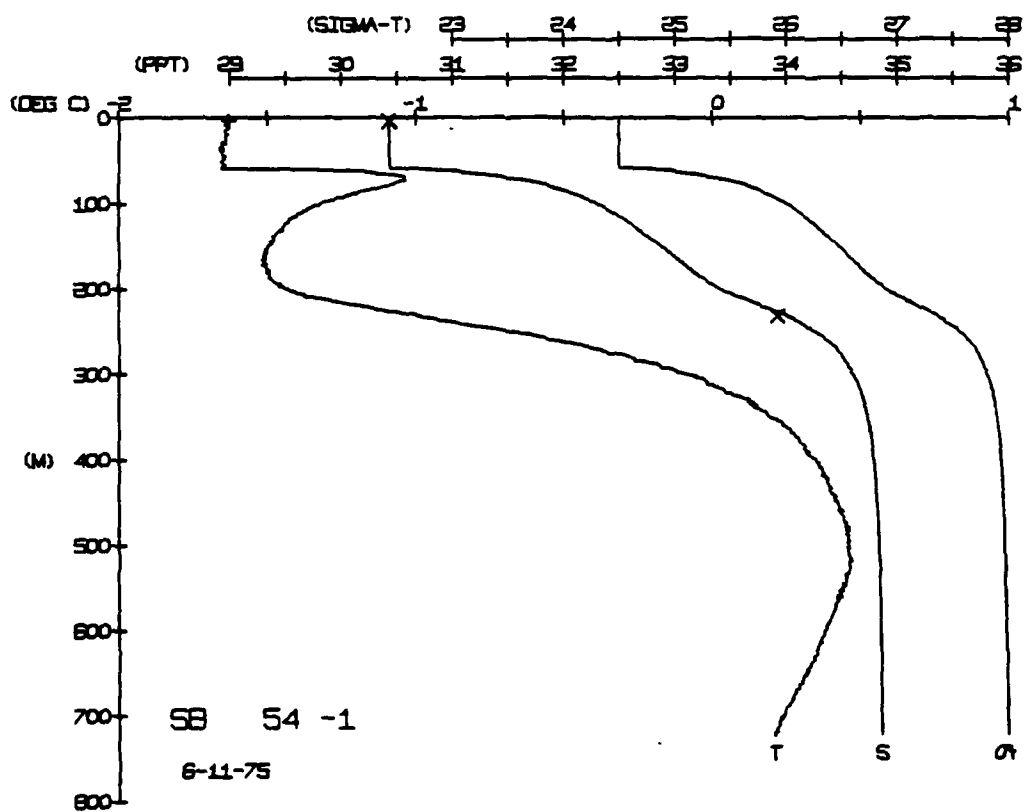
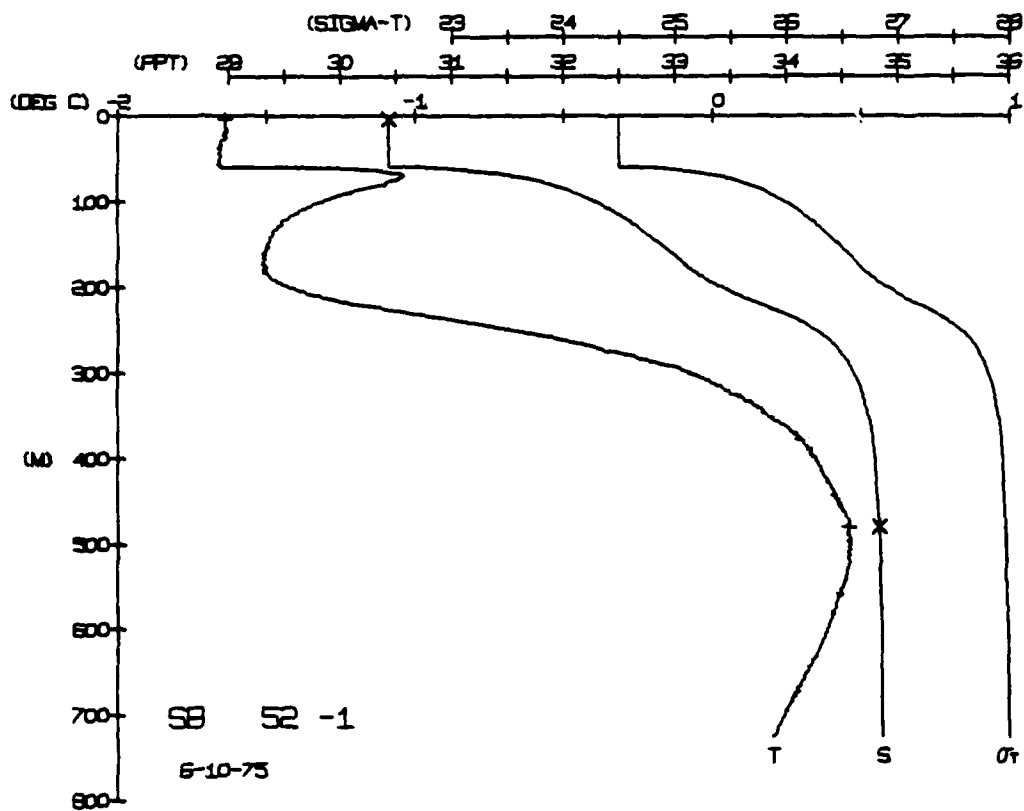
SNOWBIRD STATION 54(1) CTD 11/JUN/1975 1800 GMT CODE = 1
LAT = 76.3059N LNC = 151.1000W I.TER = 0 LGER = 0
AIR TEMP = -2.1 BARUM = 1018.2 WIND = 29.9 SPEFO = 25.4

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.1	64.4	4	33.3	99.4	5.1	0.0	1.2
0.5	64.5	6	33.3	99.4	5.1	0.0	1.2
1.0	64.5	6	33.3	99.4	5.1	0.0	1.2
1.5	64.5	6	33.3	99.4	5.1	0.0	1.2
2.0	64.5	6	33.3	99.4	5.1	0.0	1.2
2.5	64.5	6	33.3	99.4	5.1	0.0	1.2
3.0	64.5	6	33.3	99.4	5.1	0.0	1.2
3.5	64.5	6	33.3	99.4	5.1	0.0	1.2
4.0	64.5	6	33.3	99.4	5.1	0.0	1.2
4.5	64.5	6	33.3	99.4	5.1	0.0	1.2
5.0	64.5	6	33.3	99.4	5.1	0.0	1.2
5.5	64.5	6	33.3	99.4	5.1	0.0	1.2
6.0	64.5	6	33.3	99.4	5.1	0.0	1.2
6.5	64.5	6	33.3	99.4	5.1	0.0	1.2
7.0	64.5	6	33.3	99.4	5.1	0.0	1.2
7.5	64.5	6	33.3	99.4	5.1	0.0	1.2
8.0	64.5	6	33.3	99.4	5.1	0.0	1.2
8.5	64.5	6	33.3	99.4	5.1	0.0	1.2
9.0	64.5	6	33.3	99.4	5.1	0.0	1.2
9.5	64.5	6	33.3	99.4	5.1	0.0	1.2
10.0	64.5	6	33.3	99.4	5.1	0.0	1.2
10.5	64.5	6	33.3	99.4	5.1	0.0	1.2
11.0	64.5	6	33.3	99.4	5.1	0.0	1.2
11.5	64.5	6	33.3	99.4	5.1	0.0	1.2
12.0	64.5	6	33.3	99.4	5.1	0.0	1.2
12.5	64.5	6	33.3	99.4	5.1	0.0	1.2
13.0	64.5	6	33.3	99.4	5.1	0.0	1.2
13.5	64.5	6	33.3	99.4	5.1	0.0	1.2
14.0	64.5	6	33.3	99.4	5.1	0.0	1.2
14.5	64.5	6	33.3	99.4	5.1	0.0	1.2
15.0	64.5	6	33.3	99.4	5.1	0.0	1.2
15.5	64.5	6	33.3	99.4	5.1	0.0	1.2
16.0	64.5	6	33.3	99.4	5.1	0.0	1.2
16.5	64.5	6	33.3	99.4	5.1	0.0	1.2
17.0	64.5	6	33.3	99.4	5.1	0.0	1.2
17.5	64.5	6	33.3	99.4	5.1	0.0	1.2
18.0	64.5	6	33.3	99.4	5.1	0.0	1.2
18.5	64.5	6	33.3	99.4	5.1	0.0	1.2
19.0	64.5	6	33.3	99.4	5.1	0.0	1.2
19.5	64.5	6	33.3	99.4	5.1	0.0	1.2
20.0	64.5	6	33.3	99.4	5.1	0.0	1.2
20.5	64.5	6	33.3	99.4	5.1	0.0	1.2
21.0	64.5	6	33.3	99.4	5.1	0.0	1.2
21.5	64.5	6	33.3	99.4	5.1	0.0	1.2
22.0	64.5	6	33.3	99.4	5.1	0.0	1.2
22.5	64.5	6	33.3	99.4	5.1	0.0	1.2
23.0	64.5	6	33.3	99.4	5.1	0.0	1.2
23.5	64.5	6	33.3	99.4	5.1	0.0	1.2
24.0	64.5	6	33.3	99.4	5.1	0.0	1.2
24.5	64.5	6	33.3	99.4	5.1	0.0	1.2
25.0	64.5	6	33.3	99.4	5.1	0.0	1.2
25.5	64.5	6	33.3	99.4	5.1	0.0	1.2
26.0	64.5	6	33.3	99.4	5.1	0.0	1.2
26.5	64.5	6	33.3	99.4	5.1	0.0	1.2
27.0	64.5	6	33.3	99.4	5.1	0.0	1.2
27.5	64.5	6	33.3	99.4	5.1	0.0	1.2
28.0	64.5	6	33.3	99.4	5.1	0.0	1.

DEPTH	TEMP.	SALIN
3.3	-1.64	30.43
480.2	0.46	34.84

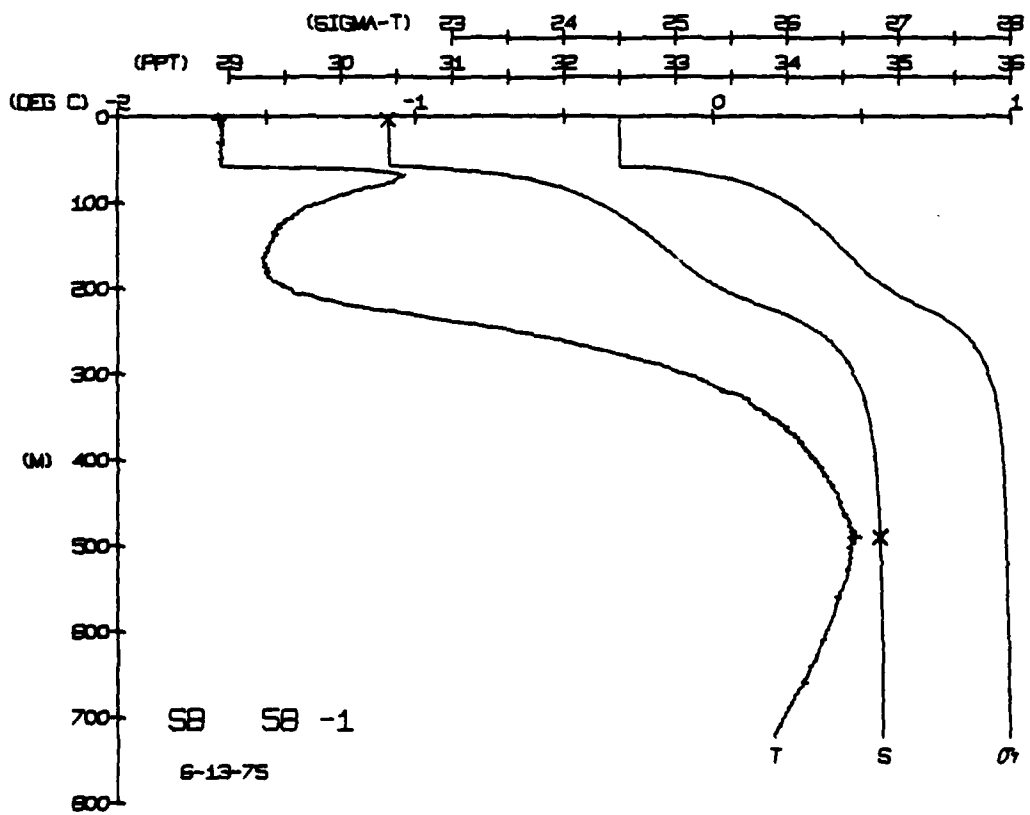
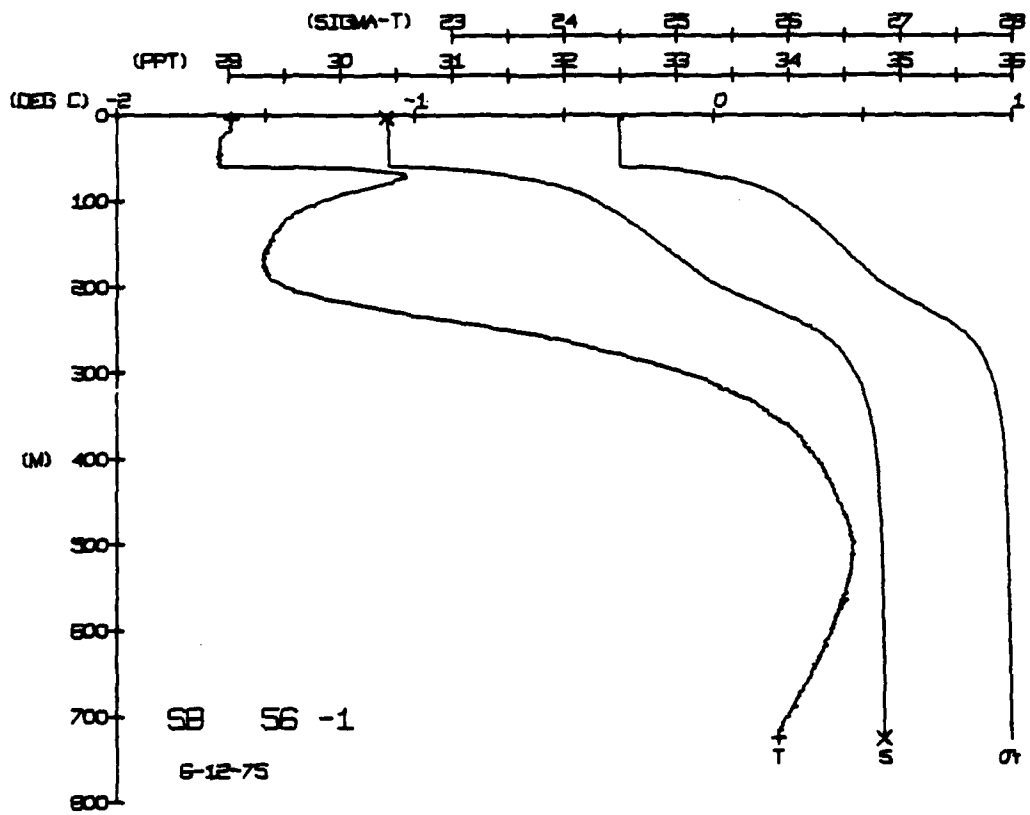
[illegible]

DEPTH	TFMP.	SALIN
3.3	-1.63	30.42
237.2		33.92



SNOWBIRD STATION 58(1) CTD 13/JUN/1975 1800 GMT CODE = 1
LAT = 76.3122N LNC = 151.3803W ITER = 2
AIR TEMP = -3.9 BAROM = 1015.3 WIND = 31.1 SPEED = 19.3

[illegible]



SNOWBIRD STATION 62(1) CTD 15/JUN/1975 1800 GMT CODE = 1
LAT = 76.3491N LNG = 151.5689W LTER = 0 LGER = 0
AIR TEMP = -3.1 BARUM = 1020.9 WIND = 45.0 SPEED = 36.9

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SENSEHARD STATION 60(1) CTD 14/JUN/1975 1800 GMT CUDF = 1
LAI = 76.3281N LNG = 151.4804W UFR = 0 LGRR = 0
RAIN TEMP = -3.9 BAROM = 1018.0 WIND = 31.1 SPEED = 19.3

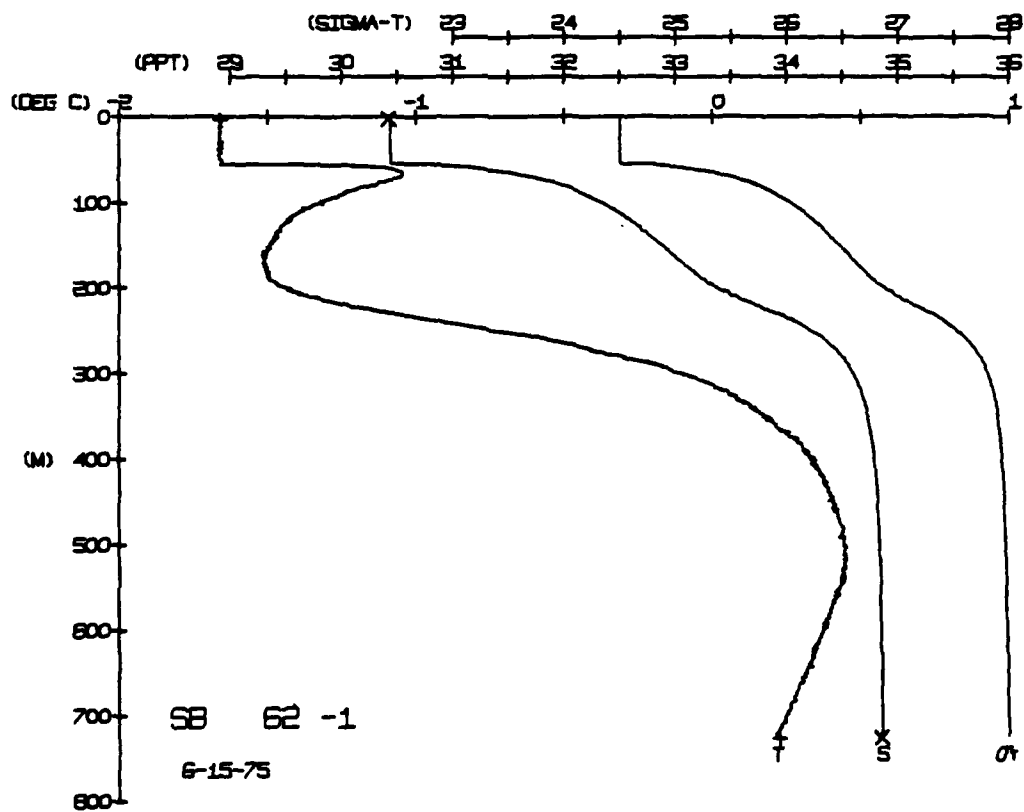
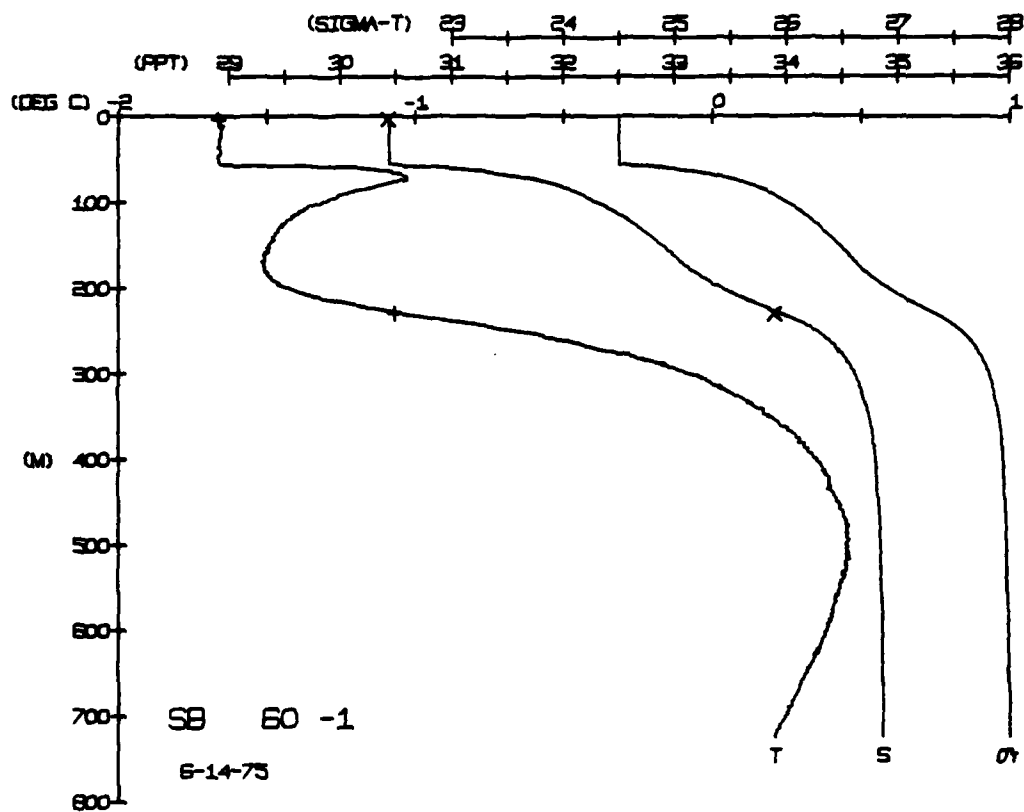
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[illegible]

	DEPTH	TEMP.	SALIN.
BT NUM = 1	3.5	-1.66	30.42
RT NUM = 2	726.6	0.23	34.96

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	66.5	66.5	30.0	44	44.4	0.00	0.44
5	66.5	66.5	30.0	44	44.4	0.00	0.44
10	66.5	66.5	30.0	44	44.4	0.00	0.44
15	66.5	66.5	30.0	44	44.4	0.00	0.44
20	66.5	66.5	30.0	44	44.4	0.00	0.44
25	66.5	66.5	30.0	44	44.4	0.00	0.44
30	66.5	66.5	30.0	44	44.4	0.00	0.44
35	66.5	66.5	30.0	44	44.4	0.00	0.44
40	66.5	66.5	30.0	44	44.4	0.00	0.44
45	66.5	66.5	30.0	44	44.4	0.00	0.44
50	66.5	66.5	30.0	44	44.4	0.00	0.44
55	66.5	66.5	30.0	44	44.4	0.00	0.44
60	66.5	66.5	30.0	44	44.4	0.00	0.44
65	66.5	66.5	30.0	44	44.4	0.00	0.44
70	66.5	66.5	30.0	44	44.4	0.00	0.44
75	66.5	66.5	30.0	44	44.4	0.00	0.44
80	66.5	66.5	30.0	44	44.4	0.00	0.44
85	66.5	66.5	30.0	44	44.4	0.00	0.44
90	66.5	66.5	30.0	44	44.4	0.00	0.44
95	66.5	66.5	30.0	44	44.4	0.00	0.44
100	66.5	66.5	30.0	44	44.4	0.00	0.44
105	66.5	66.5	30.0	44	44.4	0.00	0.44
110	66.5	66.5	30.0	44	44.4	0.00	0.44
115	66.5	66.5	30.0	44	44.4	0.00	0.44
120	66.5	66.5	30.0	44	44.4	0.00	0.44
125	66.5	66.5	30.0	44	44.4	0.00	0.44
130	66.5	66.5	30.0	44	44.4	0.00	0.44
135	66.5	66.5	30.0	44	44.4	0.00	0.44
140	66.5	66.5	30.0	44	44.4	0.00	0.44
145	66.5	66.5	30.0	44	44.4	0.00	0.44
150	66.5	66.5	30.0	44	44.4	0.00	0.44
155	66.5	66.5	30.0	44	44.4	0.00	0.44
160	66.5	66.5	30.0	44	44.4	0.00	0.44
165	66.5	66.5	30.0	44	44.4	0.00	0.44
170	66.5	66.5	30.0	44	44.4	0.00	0.44
175	66.5	66.5	30.0	44	44.4	0.00	0.44
180	66.5	66.5	30.0	44	44.4	0.00	0.44
185	66.5	66.5	30.0	44	44.4	0.00	0.44
190	66.5	66.5	30.0	44	44.4	0.00	0.44
195	66.5	66.5	30.0	44	44.4	0.00	0.44
200	66.5	66.5	30.0	44	44.4	0.00	0.44
205	66.5	66.5	30.0	44	44.4	0.00	0.44
210	66.5	66.5	30.0	44	44.4	0.00	0.44
215	66.5	66.5	30.0	44	44.4	0.00	0.44
220	66.5	66.5	30.0	44	44.4	0.00	0.44
225	66.5	66.5	30.0	44	44.4	0.00	0.44
230	66.5	66.5	30.0	44	44.4	0.00	0.44
235	66.5	66.5	30.0	44	44.4	0.00	0.44
240	66.5	66.5	30.0	44	44.4	0.00	0.44
245	66.5	66.5	30.0	44	44.4	0.00	0.44
250	66.5	66.5	30.0	44	44.4	0.00	0.44
255	66.5	66.5	30.0	44	44.4	0.00	0.44
260	66.5	66.5	30.0	44	44.4	0.00	0.44
265	66.5	66.5	30.0	44	44.4	0.00	0.44
270	66.5	66.5	30.0	44	4		

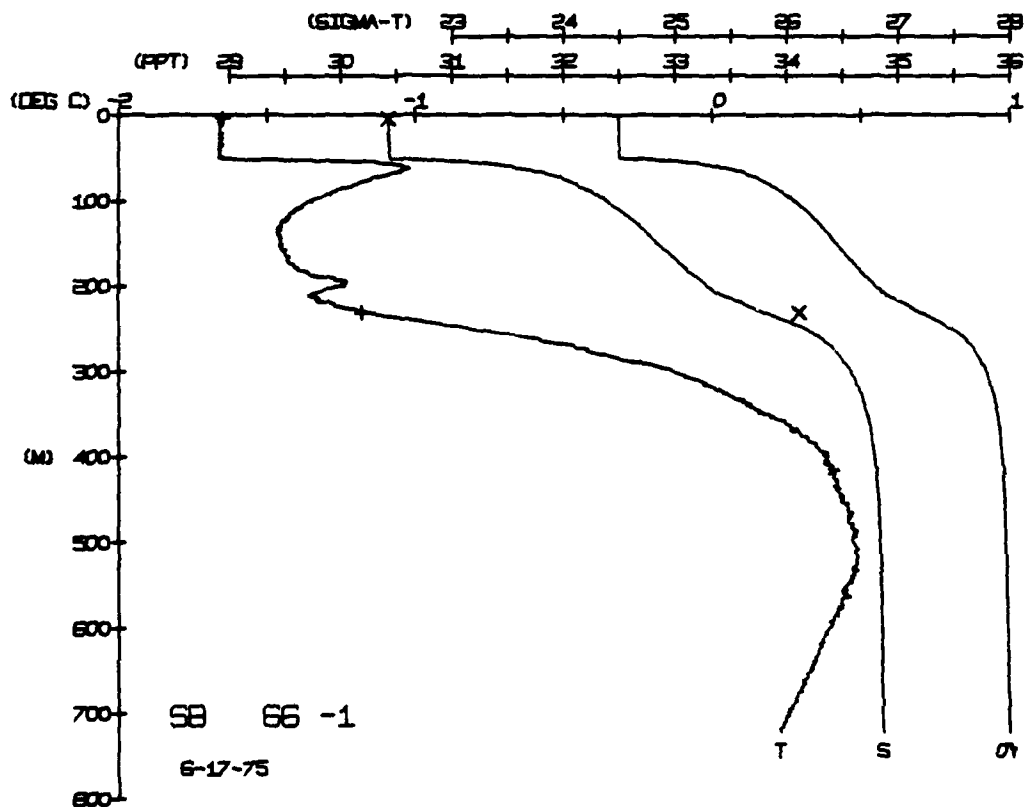
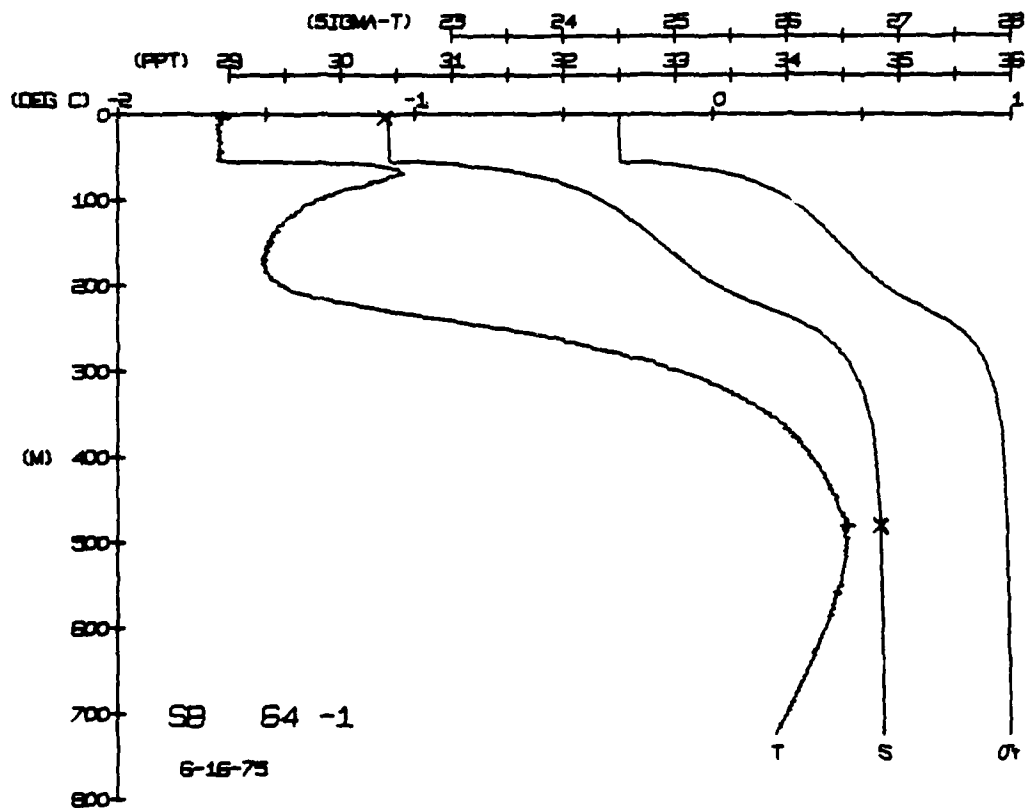
	DEPTH	TEMP.	SALIN.
BUT NUM = 1	3.3	-1.66	30.42
BUT NUM = 2	230.6	-1.07	33.89



SNOWBIRD STATION 66(1) CTD 17/JUN/1975 1800 GMT CODE = 1
LAT = 76.4089N LNC = 151.9944W LTER = 0 LGER = 0
AIR TEMP = -0.4 BAROM = 1014.6 WIND = 70.2 SPEED = 72.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DINH7	SOUND
0-10	66.66	66.66	73.33	99.99	09.44	00.11	11.11
10-20	66.66	66.66	73.33	99.99	09.44	00.11	11.11
20-30	66.66	66.66	73.33	99.99	09.44	00.11	11.11
30-40	66.66	66.66	73.33	99.99	09.44	00.11	11.11
40-50	66.66	66.66	73.33	99.99	09.44	00.11	11.11
50-60	66.66	66.66	73.33	99.99	09.44	00.11	11.11
60-70	66.66	66.66	73.33	99.99	09.44	00.11	11.11
70-80	66.66	66.66	73.33	99.99	09.44	00.11	11.11
80-90	66.66	66.66	73.33	99.99	09.44	00.11	11.11
90-100	66.66	66.66	73.33	99.99	09.44	00.11	11.11
100-110	66.66	66.66	73.33	99.99	09.44	00.11	11.11
110-120	66.66	66.66	73.33	99.99	09.44	00.11	11.11
120-130	66.66	66.66	73.33	99.99	09.44	00.11	11.11
130-140	66.66	66.66	73.33	99.99	09.44	00.11	11.11
140-150	66.66	66.66	73.33	99.99	09.44	00.11	11.11
150-160	66.66	66.66	73.33	99.99	09.44	00.11	11.11
160-170	66.66	66.66	73.33	99.99	09.44	00.11	11.11
170-180	66.66	66.66	73.33	99.99	09.44	00.11	11.11
180-190	66.66	66.66	73.33	99.99	09.44	00.11	11.11
190-200	66.66	66.66	73.33	99.99	09.44	00.11	11.11
200-210	66.66	66.66	73.33	99.99	09.44	00.11	11.11
210-220	66.66	66.66	73.33	99.99	09.44	00.11	11.11
220-230	66.66	66.66	73.33	99.99	09.44	00.11	11.11
230-240	66.66	66.66	73.33	99.99	09.44	00.11	11.11
240-250	66.66	66.66	73.33	99.99	09.44	00.11	11.11
250-260	66.66	66.66	73.33	99.99	09.44	00.11	11.11
260-270	66.66	66.66	73.33	99.99	09.44	00.11	11.11
270-280	66.66	66.66	73.33	99.99	09.44	00.11	11.11
280-290	66.66	66.66	73.33	99.99	09.44	00.11	11.11
290-300	66.66	66.66	73.33	99.99	09.44	00.11	11.11
300-310	66.66	66.66	73.33	99.99	09.44	00.11	11.11
310-320	66.66	66.66	73.33	99.99	09.44	00.11	11.11
320-330	66.66	66.66	73.33	99.99	09.44	00.11	11.11
330-340	66.66	66.66	73.33	99.99	09.44	00.11	11.11
340-350	66.66	66.66	73.33	99.99	09.44	00.11	11.11
350-360	66.66	66.66	73.33	99.99	09.44	00.11	11.11
360-370	66.66	66.66	73.33	99.99	09.44	00.11	11.11
370-380	66.66	66.66	73.33	99.99	09.44	00.11	11.11
380-390	66.66	66.66	73.33	99.99	09.44	00.11	11.11
390-400	66.66	66.66	73.33	99.99	09.44	00.11	11.11
400-410	66.66	66.66	73.33	99.99	09.44	00.11	11.11
410-420	66.66	66.66	73.33	99.99	09.44	00.11	11.11
420-430	66.66	66.66	73.33	99.99	09.44	00.11	11.11
430-440	66.66	66.66	73.33	99.99	09.44	00.11	11.11
440-450	66.66	66.66	73.33	99.99	09.44	00.11	11.11
450-460	66.66	66.66	73.33	99.99	09.44	00.11	11.11

DEPTH	TEMP	PTMP	SALIN	SIC	T	SPVOL	DYNHT	SOUND
1	1	1	35.0	1	1	1	1	1
2	2	2	35.0	1	1	1	1	1
3	3	3	35.0	1	1	1	1	1
4	4	4	35.0	1	1	1	1	1
5	5	5	35.0	1	1	1	1	1
6	6	6	35.0	1	1	1	1	1
7	7	7	35.0	1	1	1	1	1
8	8	8	35.0	1	1	1	1	1
9	9	9	35.0	1	1	1	1	1
10	10	10	35.0	1	1	1	1	1
11	11	11	35.0	1	1	1	1	1
12	12	12	35.0	1	1	1	1	1
13	13	13	35.0	1	1	1	1	1
14	14	14	35.0	1	1	1	1	1
15	15	15	35.0	1	1	1	1	1
16	16	16	35.0	1	1	1	1	1
17	17	17	35.0	1	1	1	1	1
18	18	18	35.0	1	1	1	1	1
19	19	19	35.0	1	1	1	1	1
20	20	20	35.0	1	1	1	1	1
21	21	21	35.0	1	1	1	1	1
22	22	22	35.0	1	1	1	1	1
23	23	23	35.0	1	1	1	1	1
24	24	24	35.0	1	1	1	1	1
25	25	25	35.0	1	1	1	1	1
26	26	26	35.0	1	1	1	1	1
27	27	27	35.0	1	1	1	1	1
28	28	28	35.0	1	1	1	1	1
29	29	29	35.0	1	1	1	1	1
30	30	30	35.0	1	1	1	1	1
31	31	31	35.0	1	1	1	1	1
32	32	32	35.0	1	1	1	1	1
33	33	33	35.0	1	1	1	1	1
34	34	34	35.0	1	1	1	1	1
35	35	35	35.0	1	1	1	1	1
36	36	36	35.0	1	1	1	1	1
37	37	37	35.0	1	1	1	1	1
38	38	38	35.0	1	1	1	1	1
39	39	39	35.0	1	1	1	1	1
40	40	40	35.0	1	1	1	1	1
41	41	41	35.0	1	1	1	1	1
42	42	42	35.0	1	1	1	1	1
43	43	43	35.0	1	1	1	1	1
44	44	44	35.0	1	1	1	1	1
45	45	45	35.0	1	1	1	1	1
46	46	46	35.0	1	1	1	1	1
47	47	47	35.0	1	1	1	1	1
48	48	48	35.0	1	1	1	1	1
49	49	49	35.0	1	1	1	1	1
50	50	50	35.0	1	1	1	1	1
51	51	51	35.0	1	1	1	1	1
52	52	52	35.0	1	1	1	1	1
53	53	53	35.0	1	1	1	1	1
54	54	54	35.0	1	1	1	1	1
55	55	55	35.0	1	1	1	1	1
56	56	56	35.0	1	1	1	1	1
57	57	57	35.0	1	1	1	1	1
58	58	58	35.0	1	1	1	1	1
59	59	59	35.0	1	1	1	1	1
60	60	60	35.0	1	1	1	1	1
61	61	61	35.0	1	1	1	1	1
62	62							



SNOWBIRD STATION 64(1) CTD 18/JUN/1975 1800 GMT CODE = 3
LAT = 76.3684N LNG = 152.7333W LTER = 0 LGER = 0
AIR TEMP = -0.4 BARUM = 1022.3 WIND = 70.2 SPEED = 72.3

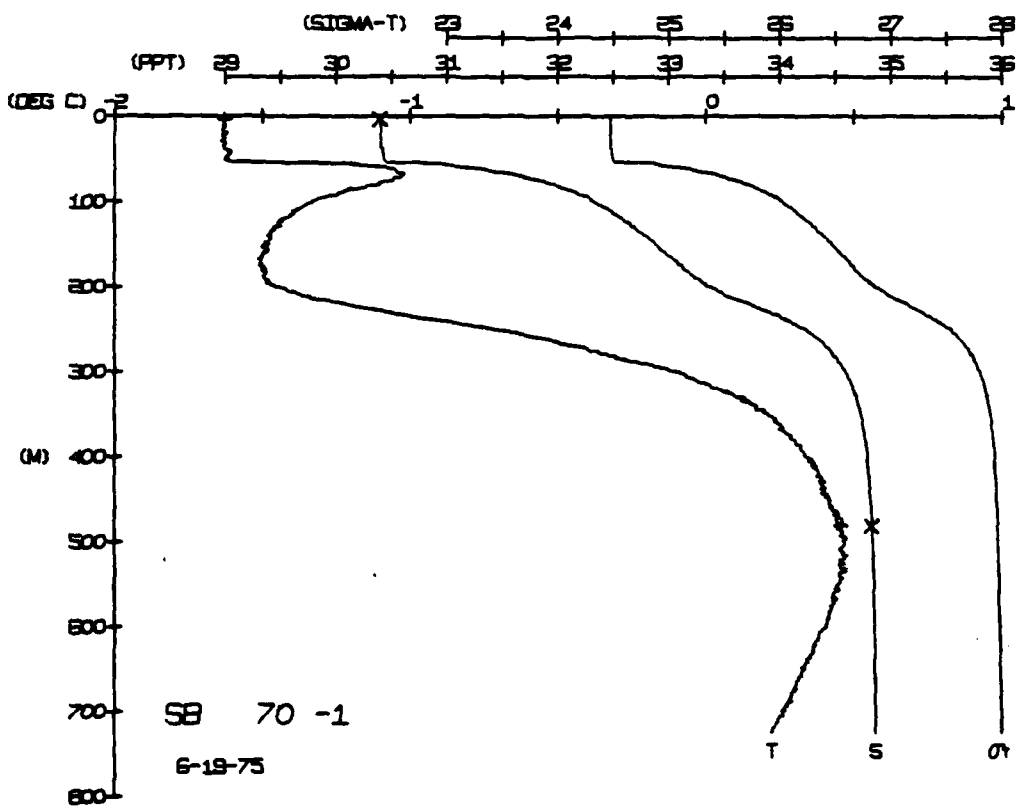
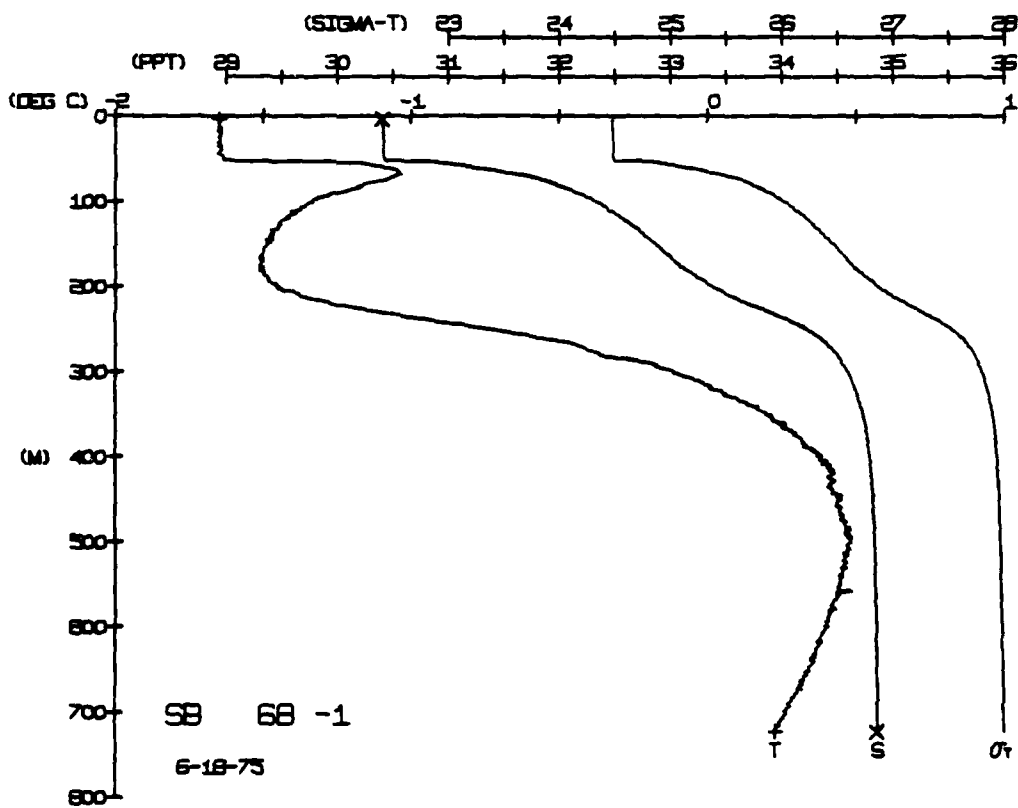
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	64	64	30	42	9	00	1
1	64	64	30	42	9	00	5
2	64	64	30	42	9	00	5
3	64	64	30	42	9	00	5
4	64	64	30	42	9	00	5
5	64	64	30	42	9	00	5
6	64	64	30	42	9	00	5
7	64	64	30	42	9	00	5
8	64	64	30	42	9	00	5
9	64	64	30	42	9	00	5
10	64	64	30	42	9	00	5
11	64	64	30	42	9	00	5
12	64	64	30	42	9	00	5
13	64	64	30	42	9	00	5
14	64	64	30	42	9	00	5
15	64	64	30	42	9	00	5
16	64	64	30	42	9	00	5
17	64	64	30	42	9	00	5
18	64	64	30	42	9	00	5
19	64	64	30	42	9	00	5
20	64	64	30	42	9	00	5
21	64	64	30	42	9	00	5
22	64	64	30	42	9	00	5
23	64	64	30	42	9	00	5
24	64	64	30	42	9	00	5
25	64	64	30	42	9	00	5
26	64	64	30	42	9	00	5
27	64	64	30	42	9	00	5
28	64	64	30	42	9	00	5
29	64	64	30	42	9	00	5
30	64	64	30	42	9	00	5
31	64	64	30	42	9	00	5
32	64	64	30	42	9	00	5
33	64	64	30	42	9	00	5
34	64	64	30	42	9	00	5
35	64	64	30	42	9	00	5
36	64	64	30	42	9	00	5
37	64	64	30	42	9	00	5
38	64	64	30	42	9	00	5
39	64	64	30	42	9	00	5
40	64	64	30	42	9	00	5
41	64	64	30	42	9	00	5
42	64	64	30	42	9	00	5
43	64	64	30	42	9	00	5
44	64	64	30	42	9	00	5
45	64	64	30	42	9	00	5
46	64	64	30	42	9	00	5
47	64	64	30	42	9	00	5
48	64	64	30	42	9	00	5
49	64	64	30	42	9	00	5
50	64	64	30	42	9	00	5
51	64	64	30	42	9	00	5
52	64	64	30	42	9	00	5
53	64	64	30	42	9	00	5
54	64	64	30	42	9	00	5
55	64	64	30	42	9	00	5
56	64	64	30	42	9	00	5
57	64	64	30	42	9	00	5
58	64	64	30	42	9	00	5
59	64	64	30	42	9	00	5
60	64	64	30	42	9	00	5
61	64	64	30	42	9	00	5
62	64	64	30	42	9	00	5
63	64	64	30	42	9	00	5
64	64	64	30	42	9	00	5
65	64	64	30	42	9	00	5
66	64	64	30	42	9	00	5
67	64	64	30	42	9	00	5
68	64	64	30	42	9	00	5
69	64	64	30	42	9	00	5
70	64	64	30	42	9	00	5
71	64	64	30	42	9	00	5
72	64	64	30	42	9	00	5
73	64	64	30	42	9	00	5
74	64	64	30	42	9	00	5
75	64	64	30	42	9	00	5
76	64	64	30	42	9	00	5
77	64	64	30	42	9	00	5
78	64	64	30	42	9	00	5
79	64	64	30	42	9	00	5
80	64	64	30	42	9	00	5
81	64	64	30	42	9	00	5
82	64	64	30	42	9	00	5
83	64	64	30	42	9	00	5
84	64	64	30	42	9	00	5
85	64	64	30	42	9	00	5
86	64	64	30	42	9	00	5
87	64	64	30	42	9	00	5
88	64	64	30	42	9	00	5
89	64	64	30	42	9	00	5
90	64	64	30	42	9	00	5
91	64	64	30	42	9	00	5
92	64	64	30	42	9	00	5
93	64	64	30	42	9	00	5
94	64	64	30	42	9	00	5
95	64	64	30	42	9	00	5
96	64	64	30	42	9	00	5
97	64	64	30	42	9	00	5
98	64	64	30	42	9	00	5
99	64	64	30	42	9	00	5
100	64	64	30	42	9	00	5

DEPTH 3.3
TEMP. -1.65
SALIN 30.40
RUT NUM = 1
RUT NUM = 2

SNOWBIRD STATION 70(1) CTD 19/JUN/1975 1800 GMT CODE = 1
LAT = 76.3415N LNG = 152.7333W LTER = 0 LGER = 0
AIR TEMP = -0.5 BARUM = 1033.9 WIND = 86.1 SPEED = 47.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	64	64	30	47	0	00	1
1	64	64	30	47	0	00	5
2	64	64	30	47	0	00	5
3	64	64	30	47	0	00	5
4	64	64	30	47	0	00	5
5	64	64	30	47	0	00	5
6	64	64	30	47	0	00	5
7	64	64	30	47	0	00	5
8	64	64	30	47	0	00	5
9	64	64	30	47	0	00	5
10	64	64	30	47	0	00	5
11	64	64	30	47	0	00	5
12	64	64	30	47	0	00	5
13	64	64	30	47	0	00	5
14	64	64	30	47	0	00	5
15	64	64	30	47	0	00	5
16	64	64	30	47	0	00	5
17	64	64	30	47	0	00	5
18	64	64	30	47	0	00	5
19	64	64	30	47	0	00	5
20	64	64	30	47	0	00	5
21	64	64	30	47	0	00	5
22	64	64	30	47	0	00	5
23	64	64	30	47	0	00	5
24	64	64	30	47	0	00	5
25	64	64	30	47	0	00	5
26	64	64	30	47	0	00	5
27	64	64	30	47	0	00	5
28	64	64	30	47	0	00	5
29	64	64	30	47	0	00	5
30	64	64	30	47	0	00	5
31	64	64	30	47	0	00	5
32	64	64	30	47	0	00	5
33	64	64	30	47	0	00	5
34	64	64	30	47	0	00	5
35	64	64	30	47	0	00	5
36	64	64	30	47	0	00	5
37	64	64	30	47	0	00	5
38	64	64	30	47	0	00	5
39	64	64	30	47	0	00	5
40	64	64	30	47	0	00	5
41	64	64	30	47	0	00	5
42	64	64	30	47	0	00	5
43	64	64	30	47	0	00	5
44	64	64	30	47	0	00	5
45	64	64	30	47	0	00	5
46	64	64	30	47	0	00	5
47	64	64	30	47	0	00	5
48	64	64	30	47	0	00	5
49	64	64	30	47	0	00	5
50	64	64	30	47	0	00	5
51	64	64	30	47	0	00	5
52	64	64	30	47	0	00	5
53	64	64	30	47	0	00	5
54	64	64	30	47	0	00	5
55	64	64	30	47	0	00	5
56	64	64	30	47	0	00	5
57	64	64	30	47	0	00	5
58	64	64	30	47	0	00	5
59	64	64	30	47	0	00	5
60	64	64	30	47	0	00	5
61	64	64	30	47	0	00	5
62	64	64	30	47	0	00	5
63	64	64	30	47	0	00	5
64	64	64	30	47	0	00	5
65	64	64	30	47	0	00	5
66	64	64	30	47	0	00	5
67	64	64	30	47	0	00	5
68	64	64	30	47	0	00	5
69	64	64	30	47	0	00	5
70	64	64	30	47	0	00	5
71	64	64	30	47	0	00	5
72	64	64	30	47	0	00	5
73	64	64	30	47	0	00	5
74	64	64	30	47	0	00	5
75	64	64	30	47	0	00	5
76	64	64	30	47	0	00	5
77	64	64	30	47	0	00	5
78	64	64	30	47	0	00	5
79	64	64	30	47	0	00	5
80	64	64	30	47	0	00	5
81	64	64	30	47	0	00	5
82	64	64	30	47	0	00	5
83	64	64	30	47	0	00	5
84	64	64	30	47	0	00	5
85	64	64	30	47	0	00	5
86	64	64	30	47	0	00	5
87	64	64	30	47	0	00	5
88	64	64	30	47	0	00	5
89	64	64	30	47	0	00	5
90	64	64	30	47	0	00	5
91	64	64	30	47	0	00	5
92	64	64	30	47	0	00	5
93	64	64	30	47	0	00	5
94	64	64	30	47	0	00	5
95	64	64	30	47	0	00	5
96	64	64	30	47	0	00	5
97	64	64	30	47	0	00	5
98	64	64	30	47	0	00	5
99	64	64	30	47	0	00	5
100	64	64	30	47	0	00	5

DEPTH 3.3
TEMP. -1.63
SALIN 30.39
RUT NUM = 1
RUT NUM = 2



65000 WIND STATION 72(1) CTU 20/JUN/1975 1800 GMT CODE = 1
LAT = 76.3715N LNG = 152.4863W LTER = 0 LGER = 0
BAROM = -0.5 PARUM = 1021.8 WIND = 86.1 SPEED = 47.2

SNOWBIRD STATION 74(1) CTD 21/JUN/1975 1800 GMT CODE = 1
LAT = 76.4309N LNG = 152.5867W LTER = 1 LGEM = 2
RAIN TEMP = -1.6 BARUM = 1014.2 WIND = 106.3 SPED = 70.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	HUT NUM	HUT	TEMP.	SALIN
0	33.4	6.3	33.3	5.4	0.0	0.1	1.1	30.36		-1.03	30.36
1	33.4	6.6	33.3	4.4	0.0	0.1	1.1	33.87		-1.10	33.87
2	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
3	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
4	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
5	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
6	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
7	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
8	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
9	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
10	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
11	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
12	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
13	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
14	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
15	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
16	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
17	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
18	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
19	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
20	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
21	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
22	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
23	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
24	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
25	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
26	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
27	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
28	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
29	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
30	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
31	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
32	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
33	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
34	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
35	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
36	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
37	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
38	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
39	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
40	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
41	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
42	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
43	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
44	33.4	6.6	33.3	4.4	0.0	0.1	1.1				
45	33.4	6.6	33.3	4.4	0.0	0.					

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYH1	SOUND
04	22.34	1.11	30.00	2.22	3499	00.00	33.55
05	22.34	1.11	30.00	2.22	3499	00.00	33.55
06	22.34	1.11	30.00	2.22	3499	00.00	33.55
07	22.34	1.11	30.00	2.22	3499	00.00	33.55
08	22.34	1.11	30.00	2.22	3499	00.00	33.55
09	22.34	1.11	30.00	2.22	3499	00.00	33.55
10	22.34	1.11	30.00	2.22	3499	00.00	33.55
11	22.34	1.11	30.00	2.22	3499	00.00	33.55
12	22.34	1.11	30.00	2.22	3499	00.00	33.55
13	22.34	1.11	30.00	2.22	3499	00.00	33.55
14	22.34	1.11	30.00	2.22	3499	00.00	33.55
15	22.34	1.11	30.00	2.22	3499	00.00	33.55
16	22.34	1.11	30.00	2.22	3499	00.00	33.55
17	22.34	1.11	30.00	2.22	3499	00.00	33.55
18	22.34	1.11	30.00	2.22	3499	00.00	33.55
19	22.34	1.11	30.00	2.22	3499	00.00	33.55
20	22.34	1.11	30.00	2.22	3499	00.00	33.55
21	22.34	1.11	30.00	2.22	3499	00.00	33.55
22	22.34	1.11	30.00	2.22	3499	00.00	33.55
23	22.34	1.11	30.00	2.22	3499	00.00	33.55
24	22.34	1.11	30.00	2.22	3499	00.00	33.55
25	22.34	1.11	30.00	2.22	3499	00.00	33.55
26	22.34	1.11	30.00	2.22	3499	00.00	33.55
27	22.34	1.11	30.00	2.22	3499	00.00	33.55
28	22.34	1.11	30.00	2.22	3499	00.00	33.55
29	22.34	1.11	30.00	2.22	3499	00.00	33.55
30	22.34	1.11	30.00	2.22	3499	00.00	33.55
31	22.34	1.11	30.00	2.22	3499	00.00	33.55
32	22.34	1.11	30.00	2.22	3499	00.00	33.55
33	22.34	1.11	30.00	2.22	3499	00.00	33.55
34	22.34	1.11	30.00	2.22	3499	00.00	33.55
35	22.34	1.11	30.00	2.22	3499	00.00	33.55
36	22.34	1.11	30.00	2.22	3499	00.00	33.55
37	22.34	1.11	30.00	2.22	3499	00.00	33.55
38	22.34	1.11	30.00	2.22	3499	00.00	33.55
39	22.34	1.11	30.00	2.22	3499	00.00	33.55
40	22.34	1.11	30.00	2.22	3499	00.00	33.55
41	22.34	1.11	30.00	2.22	3499	00.00	33.55
42	22.34	1.11	30.00	2.22	3499	00.00	33.55
43	22.34	1.11	30.00	2.22	3499	00.00	33.55
44	22.34	1.11	30.00	2.22	3499	00.00	33.55
45	22.34	1.11	30.00	2.22	3499	00.00	33.55
46	22.34	1.11	30.00	2.22	3499	00.00	33.55
47	22.34	1.11	30.00	2.22	3499	00.00	33.55
48	22.34	1.11	30.00	2.22	3499	00.00	33.55
49	22.34	1.11	30.00	2.22	3499	00.00	33.55
50	22.34	1.11	30.00	2.22	3499	00.00	33.55
51	22.34	1.11	30.00	2.22	3499	00.00	33.55
52	22.34	1.11	30.00	2.22	3499	00.00	33.55
53	22.34	1.11	30.00	2.22	3499	00.00	33.55
54	22.34						

SALIN
30.37
34.47

TFMP.
-1.62
0.23

DEF: PTH
3.2
722.4

HUT	NUM	=	1
HUT	NUM	=	2

SALIN 30.36
33.87

U.F.M.P.
-1-63
-1-10

DEPTH 3.3
233.9

NUM	NUM	12
NUM	NUM	==
NUM	NUM	==

SALIN
30.37
34.47

TFMP.
-1.62
0.23

DEF: PTH
3.2
722.4

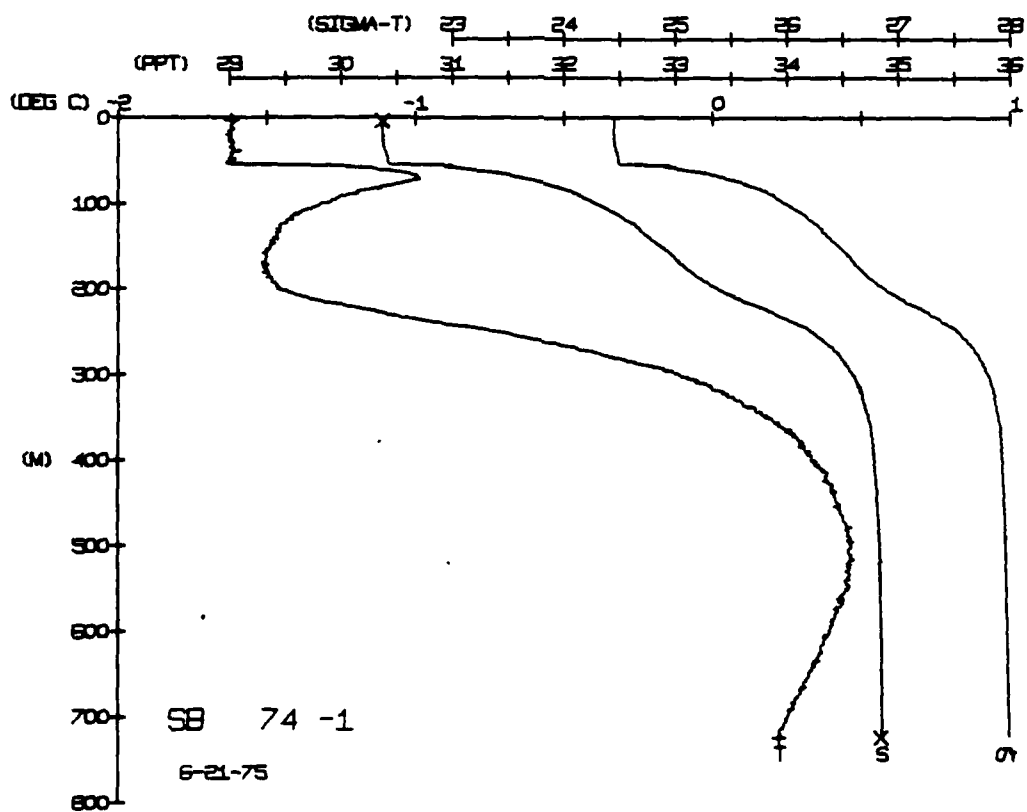
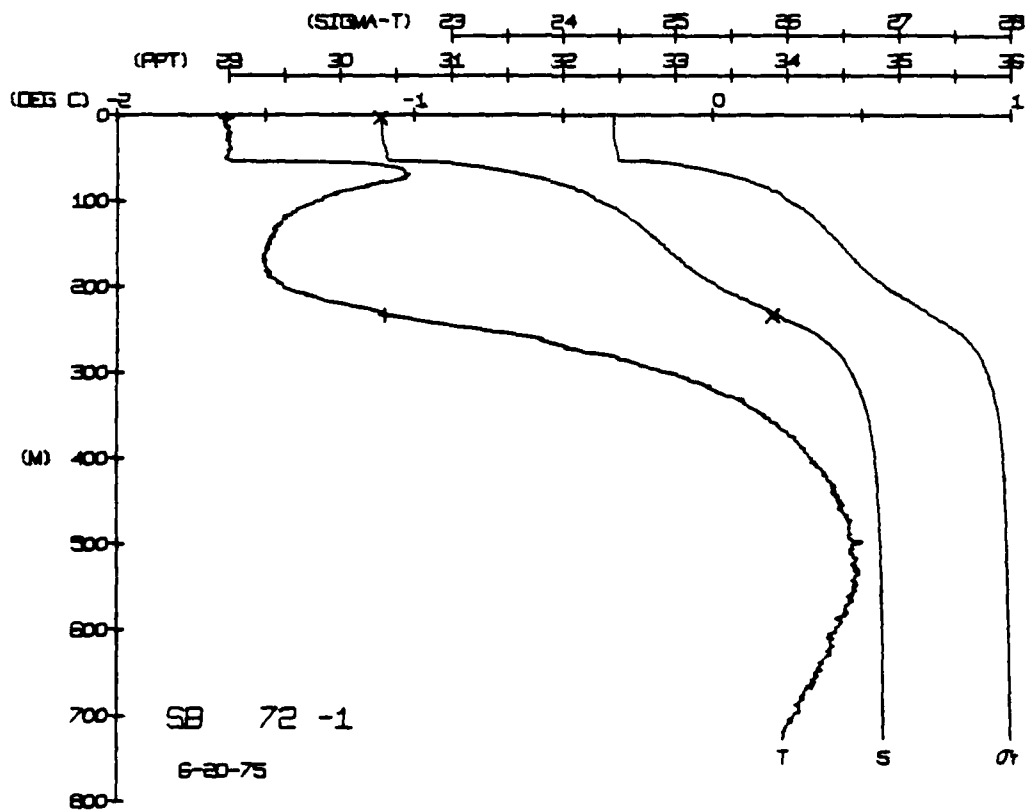
HUT	NUM	=	1
HUT	NUM	=	2

SALIN 30.36
33.87

U.F.M.P.
-1.63
-1.10

DEPTH 3.3
233.9

NUM	NUM	12
NUM	NUM	==
NUM	NUM	==



```

SNOWBIRD STATION 78(1) CTD 23/JUN/1975 1800 GMT CODE = 1
LAT = 76.528N LNG = 152.7773W LTER = 1 LGER = 1
AIR TEMP = -0.1 BAROM = 1003.3 WIND = 54.0 SPEED = 52.0

```

DEPTH	TEMP	PTEMP	SALIN	SIC T	SPUL	DYHT	SOUND
0.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
0.4	63.2	63.2	30.36	4.4	9.8	0.0	1.1
1.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
1.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
2.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
2.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
3.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
3.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
4.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
4.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
5.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
5.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
6.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
6.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
7.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
7.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
8.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
8.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
9.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
9.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
10.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
10.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
11.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
11.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
12.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
12.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
13.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
13.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
14.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
14.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
15.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
15.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
16.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
16.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
17.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
17.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
18.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
18.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
19.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
19.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
20.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
20.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
21.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
21.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
22.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
22.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
23.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
23.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
24.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
24.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
25.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
25.5	63.2	63.2	30.36	4.4	9.8	0.0	1.1
26.0	63.2	63.2	30.36	4.4	9.8	0.0	1.1
26.5	63.2	63.2	30.36	4.4	9.8	0.0	1

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LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY

F/G 8/10

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)

FEB 80 E BAUER, K HUNKINS, T O MANLEY

N00014-76-C-0004

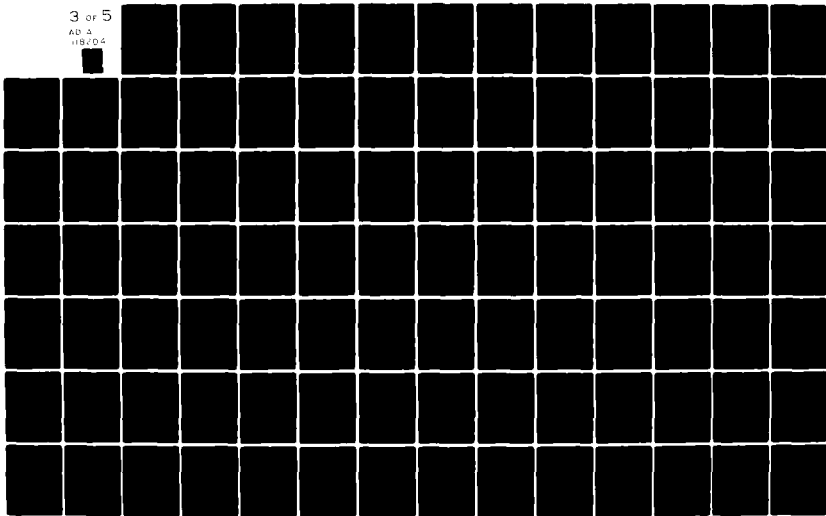
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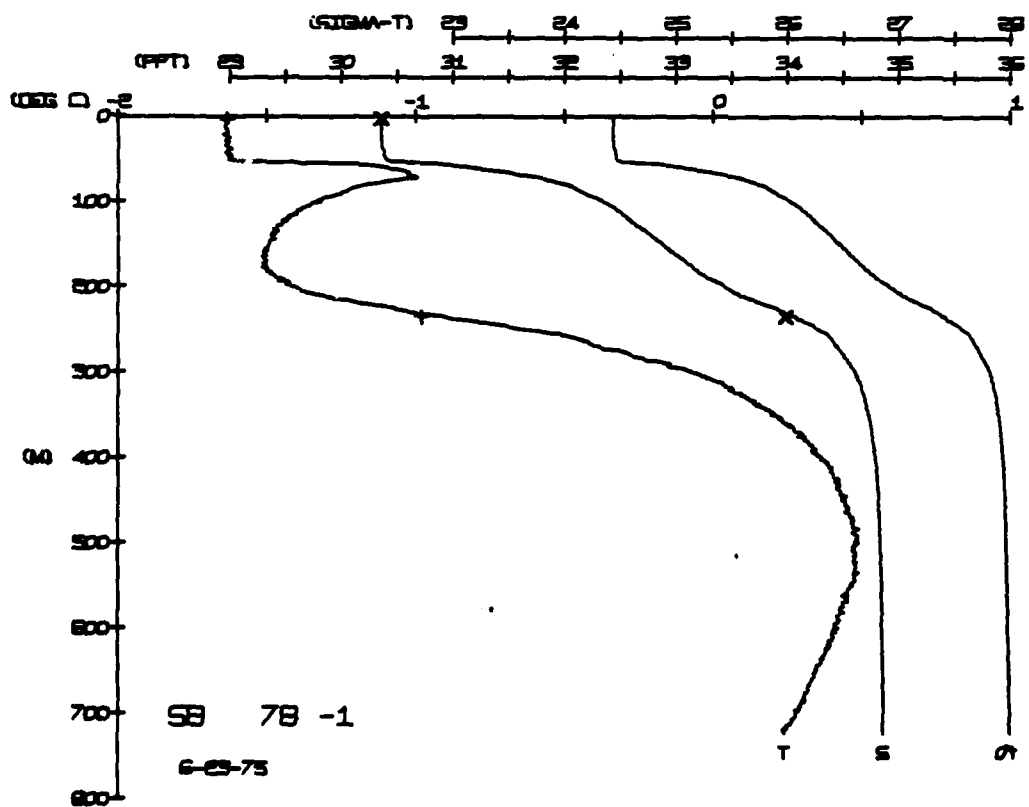
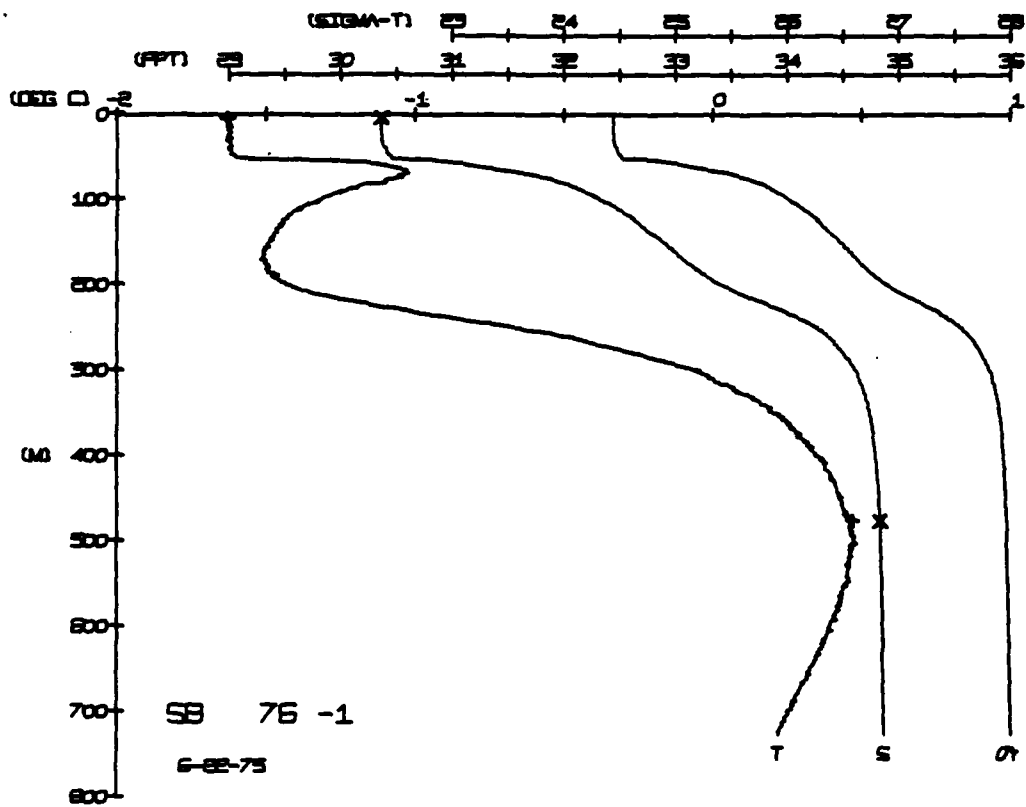
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NL

3 of 5

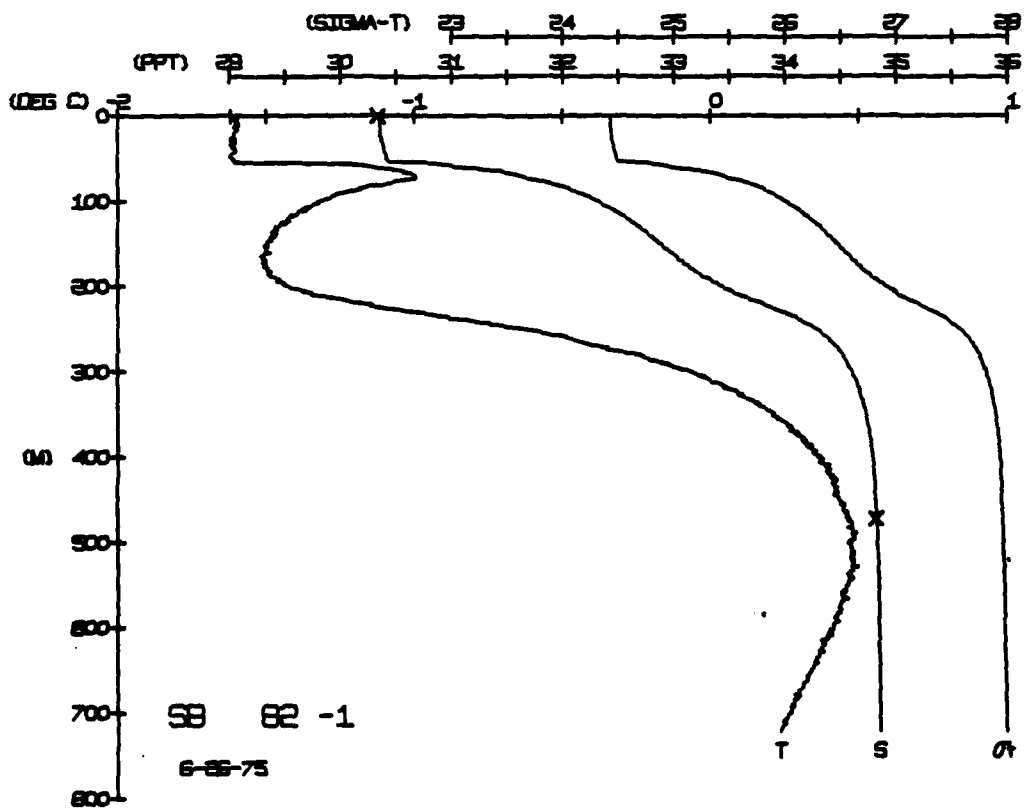
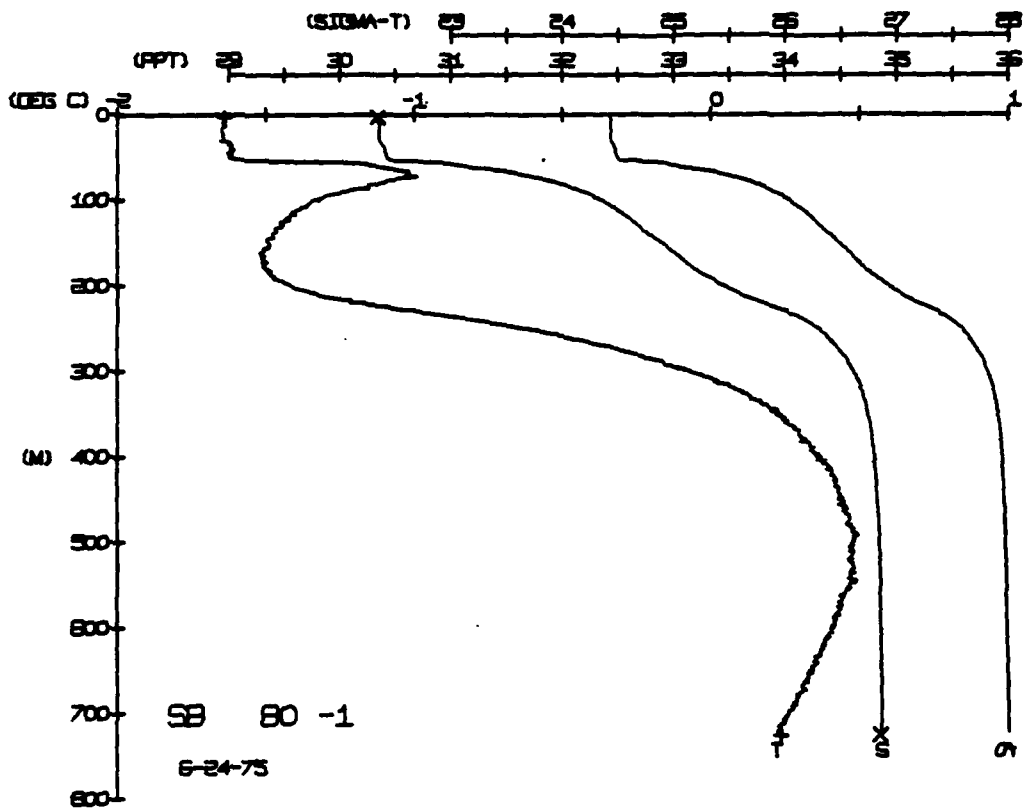
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SMUWHRD STATION 80(1) CTD 24/JUN/1975 1800 GMT CODE = 1
LAT = 76.5274N LNG = 152.8958W LTER = 1649 LGR = 1911
RAIN TEMP = -0.1 BARM = 1005.8 WIND = 54.0 SPEED = 52.8

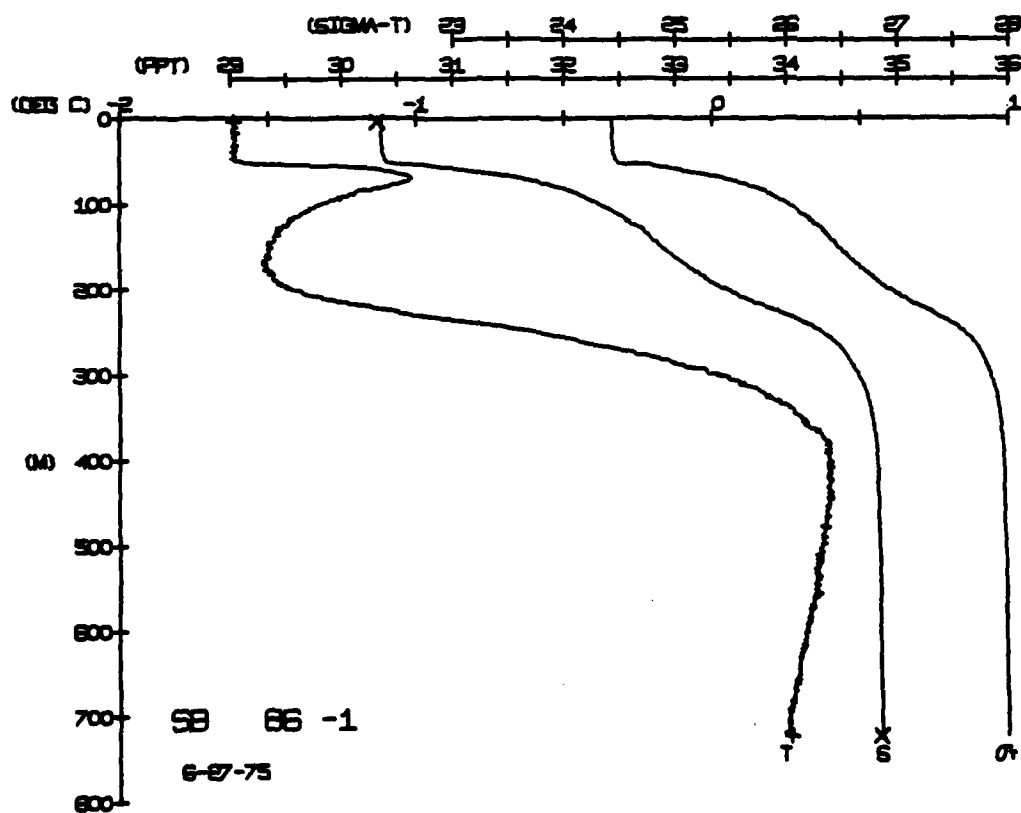
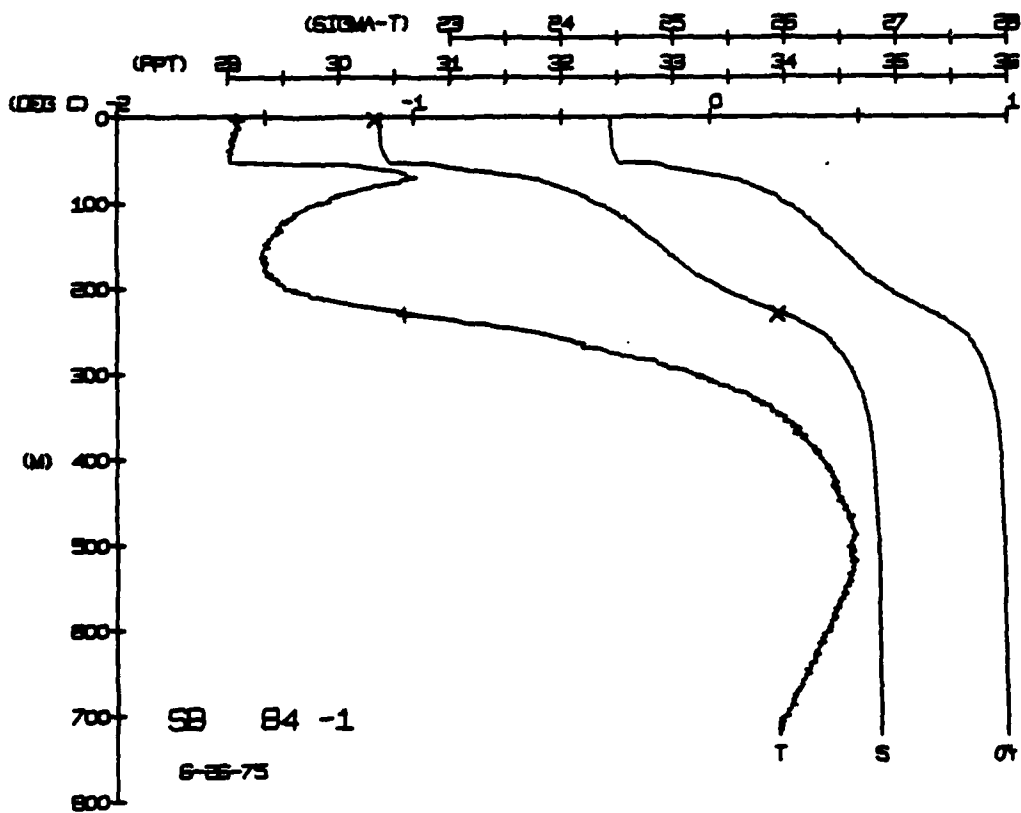
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SNOWBIRD STATION #6(1) CTD 27/JUN/1975 1800 GMT CODE = 1
LAT = 76.5779N LNC = 152.6318W LTR = 1 LGR = 1
AIR TEMP = -1.0 BARUM = 1010.1 WIND = 218.9 SPEED = 47.6

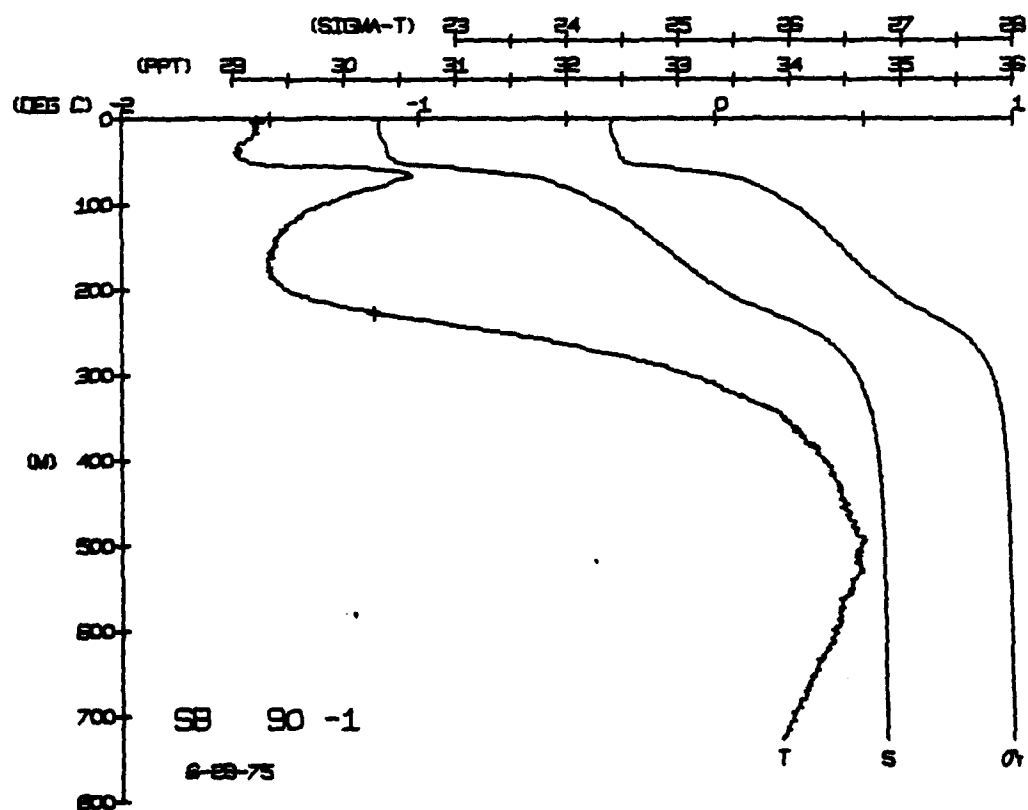
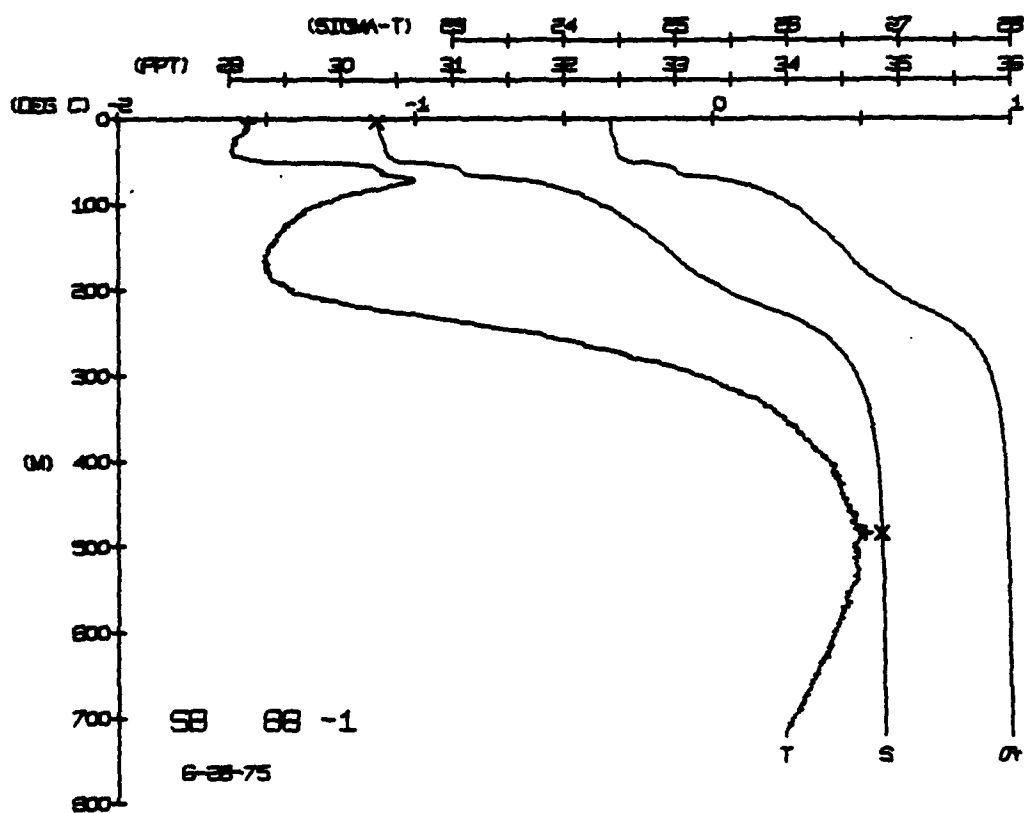
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	TEMP.	SALIN	BUT NUM	BUT NUM
0	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
1	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
2	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
3	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
4	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
5	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
6	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
7	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
8	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
9	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
10	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
11	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
12	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
13	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
14	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
15	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
16	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
17	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
18	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
19	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
20	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
21	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
22	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
23	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
24	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
25	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
26	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
27	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
28	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
29	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
30	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
31	18.50	18.50	35.00	1.00	1.00	1.00	1.00	1.60	33.32	1	1
32	18.50	18.50	35.00	1.00							

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT-	SOUND
0	19.50	1.00	35.00	1.00	1.00	1.00	1.00
1	19.50	1.00	35.00	1.00	1.00	1.00	1.00
2	19.50	1.00	35.00	1.00	1.00	1.00	1.00
3	19.50	1.00	35.00	1.00	1.00	1.00	1.00
4	19.50	1.00	35.00	1.00	1.00	1.00	1.00
5	19.50	1.00	35.00	1.00	1.00	1.00	1.00
6	19.50	1.00	35.00	1.00	1.00	1.00	1.00
7	19.50	1.00	35.00	1.00	1.00	1.00	1.00
8	19.50	1.00	35.00	1.00	1.00	1.00	1.00
9	19.50	1.00	35.00	1.00	1.00	1.00	1.00
10	19.50	1.00	35.00	1.00	1.00	1.00	1.00
11	19.50	1.00	35.00	1.00	1.00	1.00	1.00
12	19.50	1.00	35.00	1.00	1.00	1.00	1.00
13	19.50	1.00	35.00	1.00	1.00	1.00	1.00
14	19.50	1.00	35.00	1.00	1.00	1.00	1.00
15	19.50	1.00	35.00	1.00	1.00	1.00	1.00
16	19.50	1.00	35.00	1.00	1.00	1.00	1.00
17	19.50	1.00	35.00	1.00	1.00	1.00	1.00
18	19.50	1.00	35.00	1.00	1.00	1.00	1.00
19	19.50	1.00	35.00	1.00	1.00	1.00	1.00
20	19.50	1.00	35.00	1.00	1.00	1.00	1.00
21	19.50	1.00	35.00	1.00	1.00	1.00	1.00
22	19.50	1.00	35.00	1.00	1.00	1.00	1.00
23	19.50	1.00	35.00	1.00	1.00	1.00	1.00
24	19.50	1.00	35.00	1.00	1.00	1.00	1.00
25	19.50	1.00	35.00	1.00	1.00	1.00	1.00
26	19.50	1.00	35.00	1.00	1.00	1.00	1.00
27	19.50	1.00	35.00	1.00	1.00	1.00	1.00
28	19.50	1.00	35.00	1.00	1.00	1.00	1.00
29	19.50	1.00	35.00	1.00	1.00	1.00	1.00
30	19.50	1.00	35.00	1.00	1.00	1.00	1.00
31	19.50	1.00	35.00	1.00	1.00	1.00	1.00
32	19.50	1.00	35.00	1.00	1.00	1.00	1.00
33	19.50	1.00	35.00	1.00	1.00	1.00	1.00
34	19.50	1.00	35.00	1.00	1.00	1.00	1.00
35	19.50	1.00	35.00	1.00	1.00	1.00	1.00
36	19.50	1.00	35.00	1.00	1.00	1.00	1.00
37	19.50	1.00	35.00	1.00	1.00	1.00	1.00
38	19.50	1.00	35.00	1.00	1.00	1.00	1.00
39	19.50	1.00	35.00	1.00	1.00	1.00	1.00
40	19.50	1.00	35.00	1.00	1.00	1.00	1.00
41	19.50	1.00	35.00	1.00	1.00	1.00	1.00
42	19.50	1.00	35.00	1.00	1.00	1.00	1.00
43	19.50	1.00	35.00	1.00	1.00	1.00	1.00
44	19.50	1.00	35.00	1.00	1.00	1.00	1.00
45	19.50	1.00	35.00	1.00	1.00	1.00	1.00
46	19.50						



SNOWBIRD STATION 90(1) CTD 29/JUN/1975 1800 GMT CUBE # 1
LAT = 76.5931N LNG = 152.1439W LTER = 0 LCR = 1
AIR TEMP = 0.2 BAROM = 1009.1 WIND = 174.1 SPEED = 71.5
DEPTH TEMP PRFMP SALIN SIG T SPVOL DYNHT SOUND

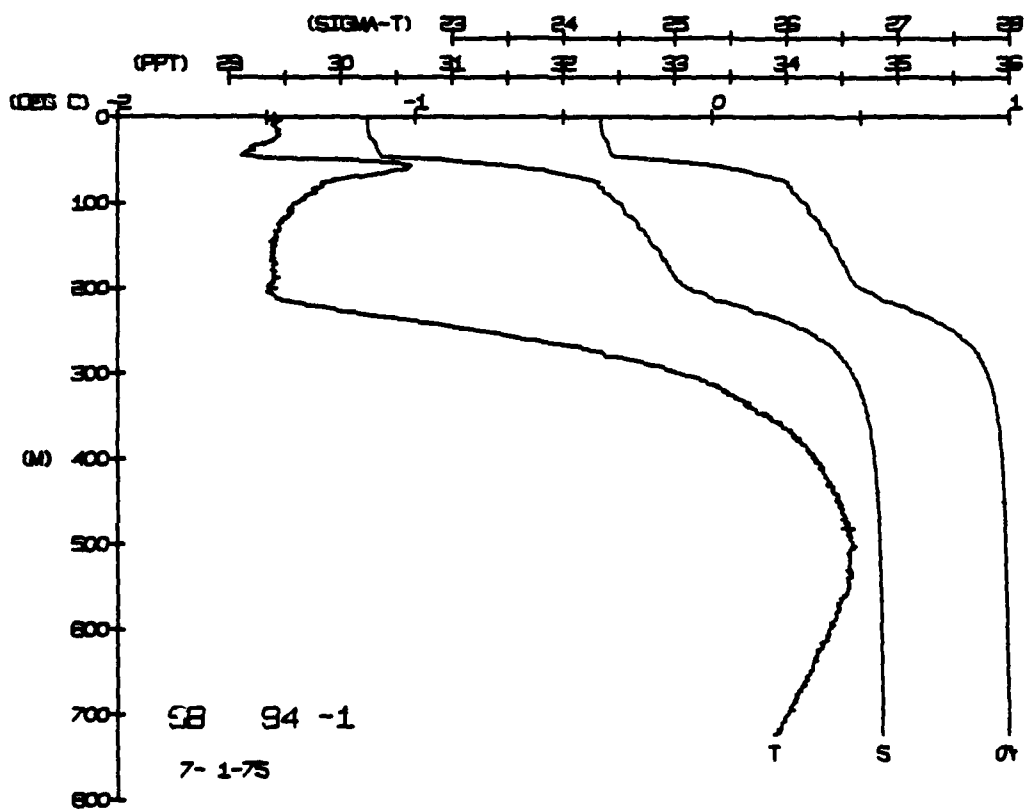
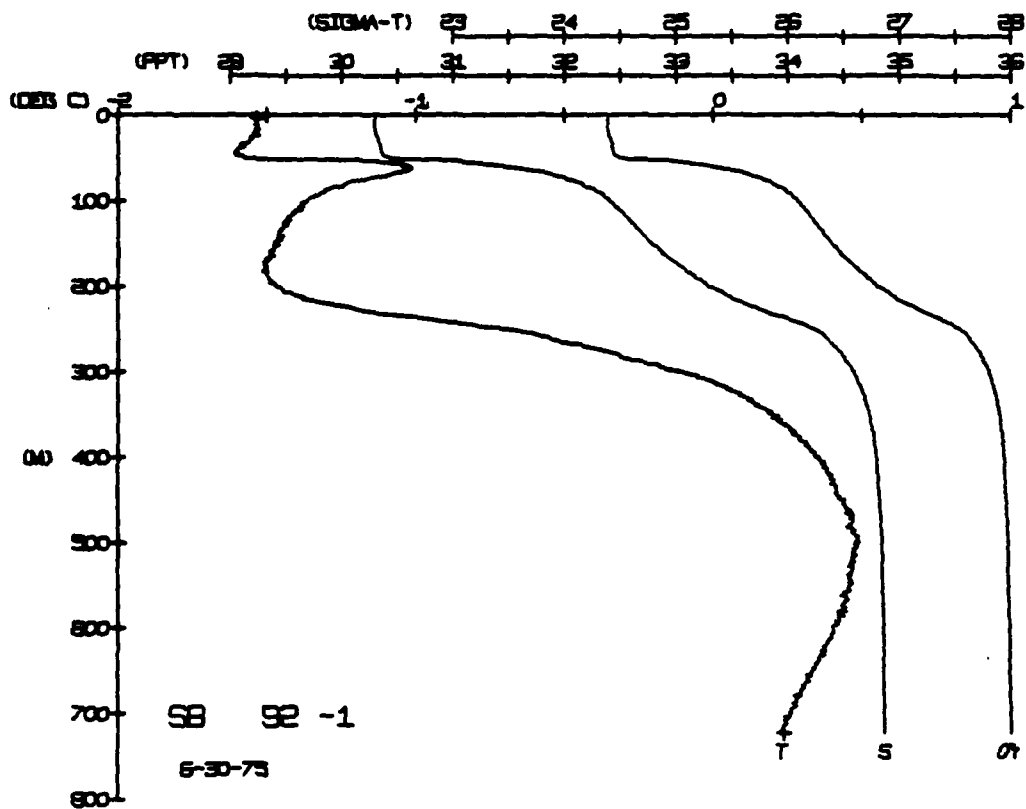
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SNOWBIRD STATION 94(J) CTD 1/JUL/1975 1800 GMT CODE = 1
LAT = 76.6641N LNG = 151.0530W UTER = 1 LGER = 2
AIR TEMP = 0.3 BAROM = 1001.5 WIND = 220.9 SPEED = 39.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DINH1	SOUND
0200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
0400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
0600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
0800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
1000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
1200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
1400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
1600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
1800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
2000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
2200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
2400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
2600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
2800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
3000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
3200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
3400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
3600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
3800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
4000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
4200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
4400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
4600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
4800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
5000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
5200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
5400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
5600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
5800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
6000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
6200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
6400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
6600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
6800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
7000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
7200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
7400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
7600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
7800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
8000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
8200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
8400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
8600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
8800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
9000	19.50	19.50	35.20	0.00	0.00	0.00	0.00
9200	19.50	19.50	35.20	0.00	0.00	0.00	0.00
9400	19.50	19.50	35.20	0.00	0.00	0.00	0.00
9600	19.50	19.50	35.20	0.00	0.00	0.00	0.00
9800	19.50	19.50	35.20	0.00	0.00	0.00	0.00
10000	19.50	19.50	35.20	0.00			

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	TEMP.	SALIN
0	17.78	17.78	35.20	1.00	1.00	1.00	1.00	17.78	35.20
1	17.75	17.75	35.20	1.00	1.00	1.00	1.00	17.75	35.20
2	17.72	17.72	35.20	1.00	1.00	1.00	1.00	17.72	35.20
3	17.69	17.69	35.20	1.00	1.00	1.00	1.00	17.69	35.20
4	17.66	17.66	35.20	1.00	1.00	1.00	1.00	17.66	35.20
5	17.63	17.63	35.20	1.00	1.00	1.00	1.00	17.63	35.20
6	17.60	17.60	35.20	1.00	1.00	1.00	1.00	17.60	35.20
7	17.57	17.57	35.20	1.00	1.00	1.00	1.00	17.57	35.20
8	17.54	17.54	35.20	1.00	1.00	1.00	1.00	17.54	35.20
9	17.51	17.51	35.20	1.00	1.00	1.00	1.00	17.51	35.20
10	17.48	17.48	35.20	1.00	1.00	1.00	1.00	17.48	35.20
11	17.45	17.45	35.20	1.00	1.00	1.00	1.00	17.45	35.20
12	17.42	17.42	35.20	1.00	1.00	1.00	1.00	17.42	35.20
13	17.39	17.39	35.20	1.00	1.00	1.00	1.00	17.39	35.20
14	17.36	17.36	35.20	1.00	1.00	1.00	1.00	17.36	35.20
15	17.33	17.33	35.20	1.00	1.00	1.00	1.00	17.33	35.20
16	17.30	17.30	35.20	1.00	1.00	1.00	1.00	17.30	35.20
17	17.27	17.27	35.20	1.00	1.00	1.00	1.00	17.27	35.20
18	17.24	17.24	35.20	1.00	1.00	1.00	1.00	17.24	35.20
19	17.21	17.21	35.20	1.00	1.00	1.00	1.00	17.21	35.20
20	17.18	17.18	35.20	1.00	1.00	1.00	1.00	17.18	35.20
21	17.15	17.15	35.20	1.00	1.00	1.00	1.00	17.15	35.20
22	17.12	17.12	35.20	1.00	1.00	1.00	1.00	17.12	35.20
23	17.09	17.09	35.20	1.00	1.00	1.00	1.00	17.09	35.20
24	17.06	17.06	35.20	1.00	1.00	1.00	1.00	17.06	35.20
25	17.03	17.03	35.20	1.00	1.00	1.00	1.00	17.03	35.20
26	17.00	17.00	35.20	1.00	1.00	1.00	1.00	17.00	35.20
27	16.97	16.97	35.20	1.00	1.00	1.00	1.00	16.97	35.20
28	16.94	16.94	35.20	1.00	1.00	1.00	1.00	16.94	35.20
29	16.91	16.91	35.20	1.00	1.00	1.00	1.00	16.91	35.20
30	16.88	16.88	35.20	1.00	1.00	1.00	1.00	16.88	35.20
31	16.85	16.85	35.20	1.00	1.00	1.00	1.00	16.85	35.20
32	16.82	16.82	35.20	1.00	1.00	1.00	1.00	16.82	35.20
33	16.79	16.79	35.20	1.00	1.00	1.00	1.00	16.79	35.20
34	16.76	16.76	35.20	1.00	1.00	1.00	1.00	16.76	35.20
35	16.73	16.73	35.20	1.00	1.00	1.00	1.00	16.73	35.20
36	16.70	16.70	35.20	1					



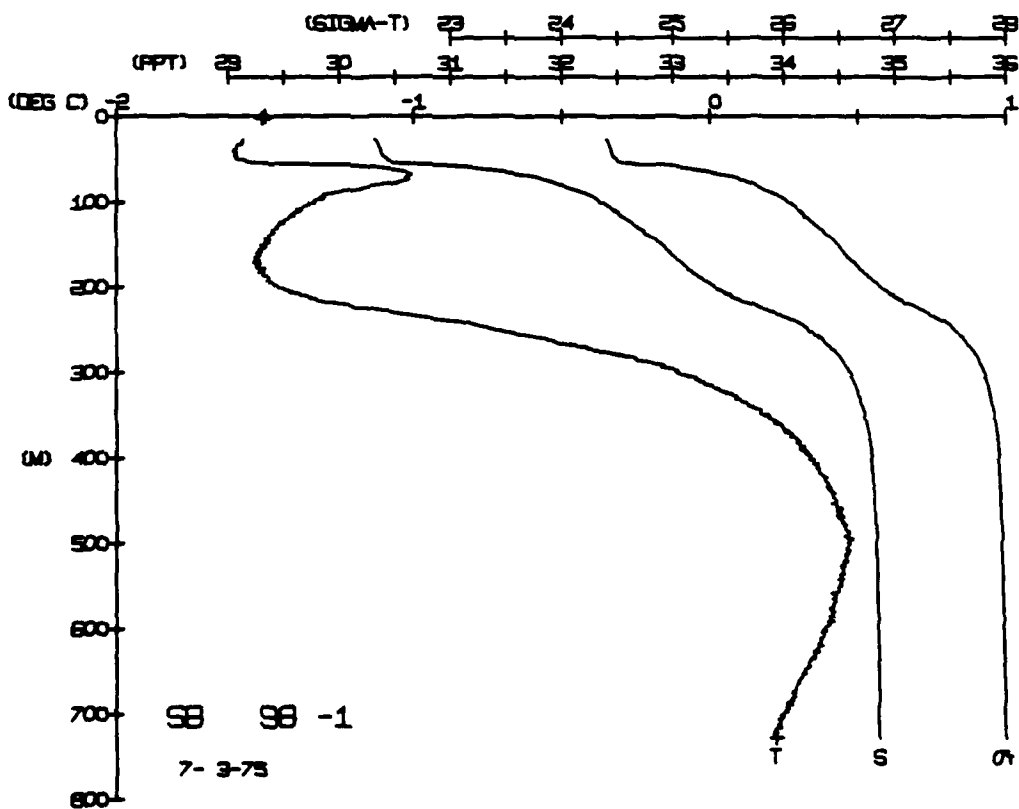
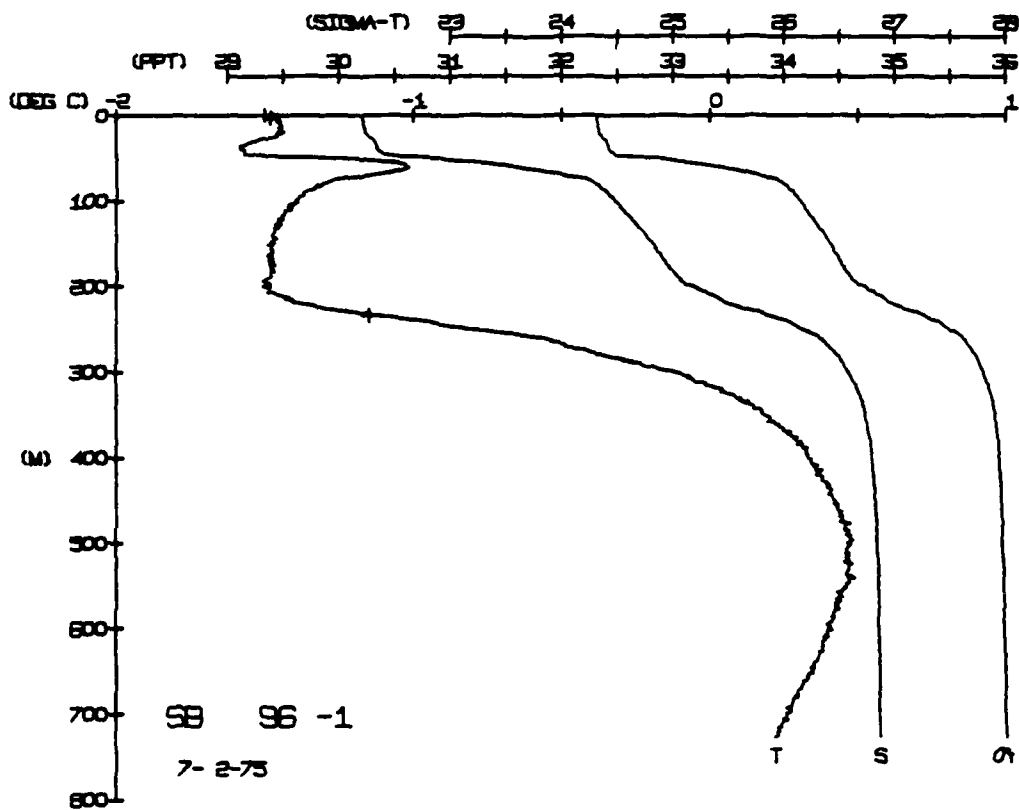
SMUWBLKD STATION 96(1) CTD 2/JUL/1975 1800 GMT CODE = 3
LAT = 76.6422N LNG = 151.7962W LTER = 2 LGER = 3
WIND TEMP = 0.3 HARM = 1006.7 WIND = 220.9 SPEED = 39.5

SNOWBIRD STATION 98(1) CTD 3/JUL/1975 1800 GMT CODE = 3
LAT = 76.6907N LNG = 151.3180W ITEX = 0 LGPR = 1
AIR TEMP = -0.2 BAROM = 1001.3 WIND = 200.5 SPEED = 70.1

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BTOT NUM = 1	3:0	-1.51
BTOT NUM = 2	727.2	0.23

BUT NUM = 1
 BUT NUM = 2
 727.8
 3.8



SNOWBIRD STATION 100(1) CTU 4/JUL/1975 1800 GMT CODE = 1
 LAT = 76.6471N LNG = 150.9495W LTR = 1, LGR = 2
 AIR TEMP = -0.2 BARUM = 1000.6 WIND = 200.5 SPEED = 70.1

DEPTH	TEMP	PTEMP	SALIN	SIG	SPVUL	DYNHT	SOUND
0.1	5.6	5.6	35.5	3.7	0.0	0.0	3.7
0.4	5.5	5.5	35.5	3.5	0.0	0.0	3.5
1.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
2.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
3.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
4.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
5.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
6.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
7.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
8.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
9.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
10.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
11.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
12.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
13.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
14.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
15.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
16.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
17.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
18.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
19.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
20.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
21.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
22.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
23.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
24.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
25.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
26.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
27.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
28.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
29.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
30.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
31.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
32.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
33.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
34.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
35.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
36.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
37.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
38.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
39.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
40.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
41.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
42.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
43.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
44.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
45.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
46.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
47.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
48.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
49.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
50.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
51.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
52.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
53.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
54.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
55.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
56.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
57.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
58.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
59.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
60.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
61.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
62.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
63.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
64.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
65.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
66.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
67.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
68.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
69.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
70.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
71.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
72.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
73.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
74.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
75.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
76.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
77.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
78.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
79.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
80.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
81.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
82.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
83.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
84.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
85.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
86.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
87.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
88.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
89.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
90.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
91.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
92.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
93.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
94.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
95.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
96.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
97.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
98.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
99.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5
100.0	5.5	5.5	35.5	3.5	0.0	0.0	3.5

BUT NUM = 1
 ROT NUM = 2

DEPTH 3.3
 476.9

TEMP. -1.56
 0.47

SALIN 30.26
 33.92

DYNHT 30.26
 33.92

SOUND 30.26
 33.92

SIG 30.26
 33.92

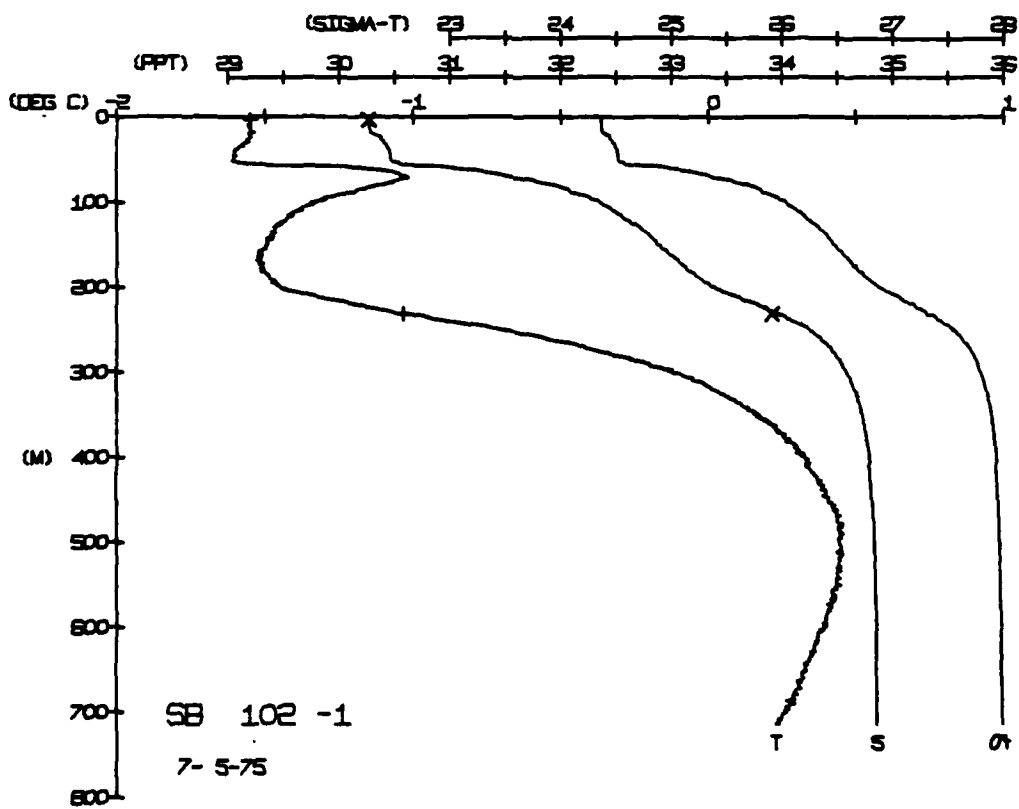
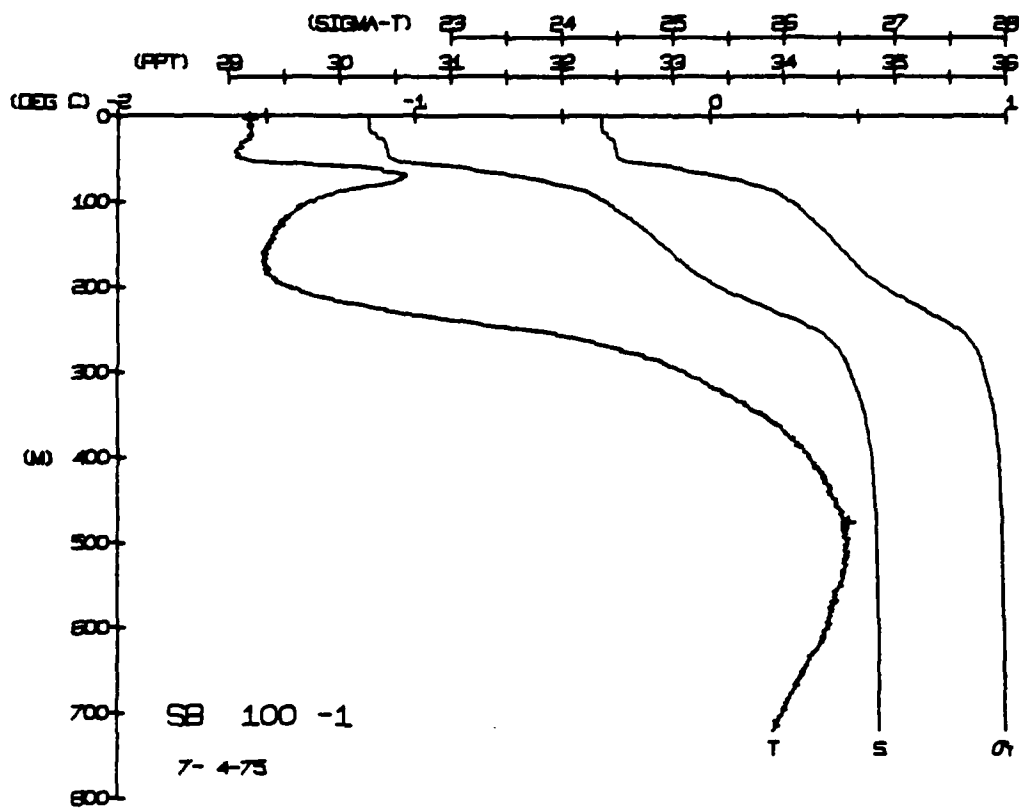
SPVUL 30.26
 33.92

DYNHT 30.26
 33.92

SOUND 30.26
 33.92

SIG 30.26
 33.92

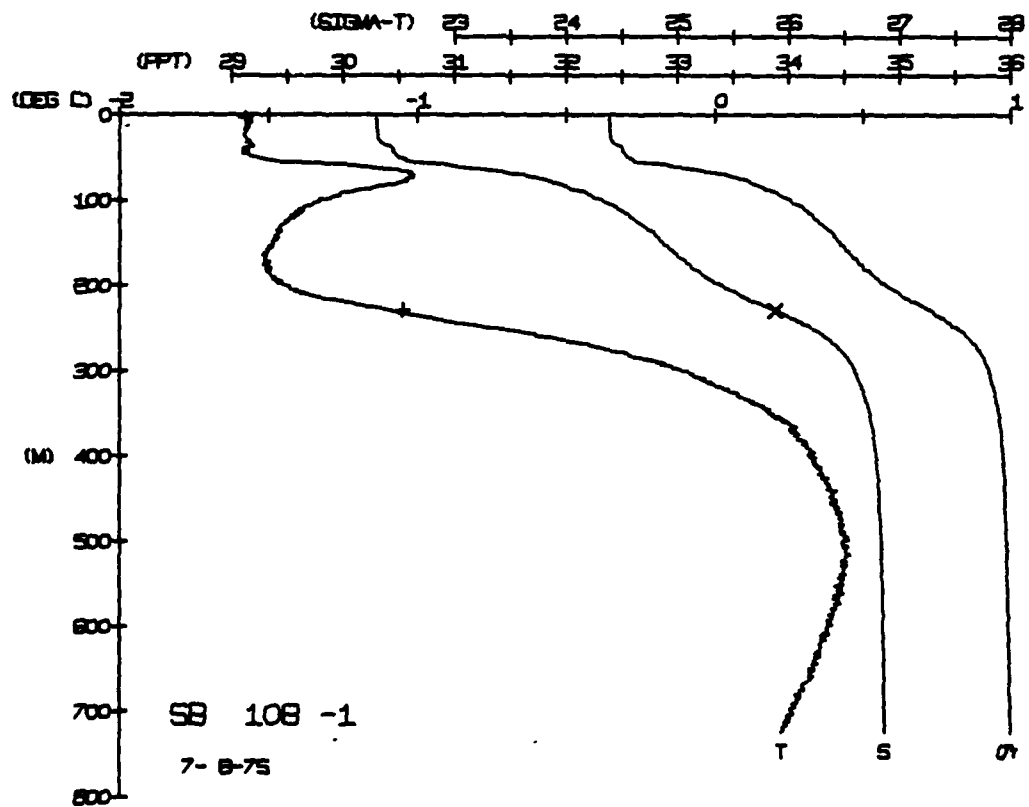
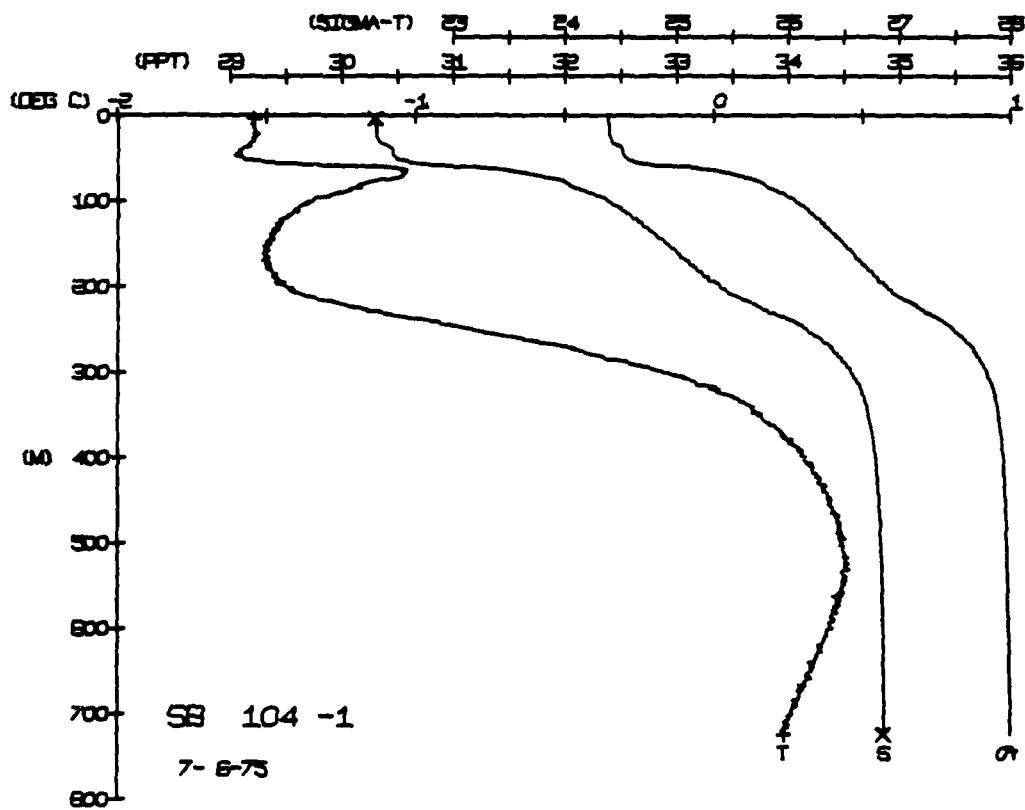
SPVUL 30.26
 33.92



SNOWBIRD STATION 108(1) CTD 8/JUL/1975 1800 GMT CODE = 3
LAT = 76.5085N LNG = 149.6039W LTER = 0 UGEN = 0
AIR TEMP = 0.2 BARUM = 1012.0 WIND = 191.4 SPEED = 21.3

[illegible]

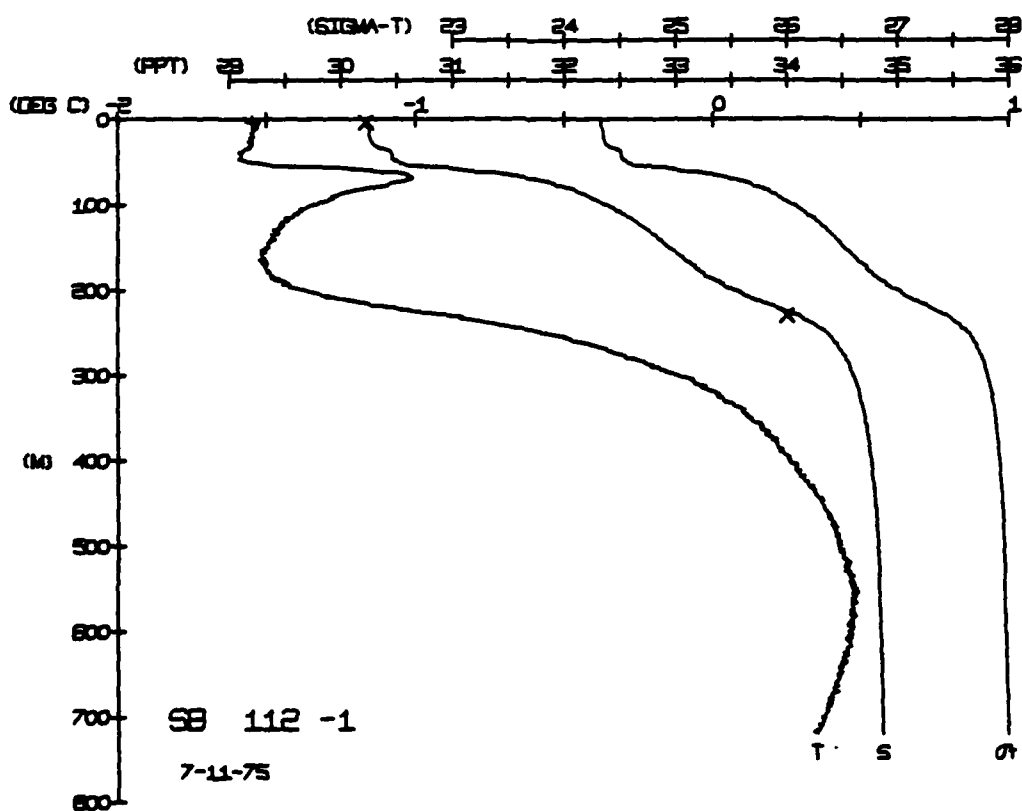
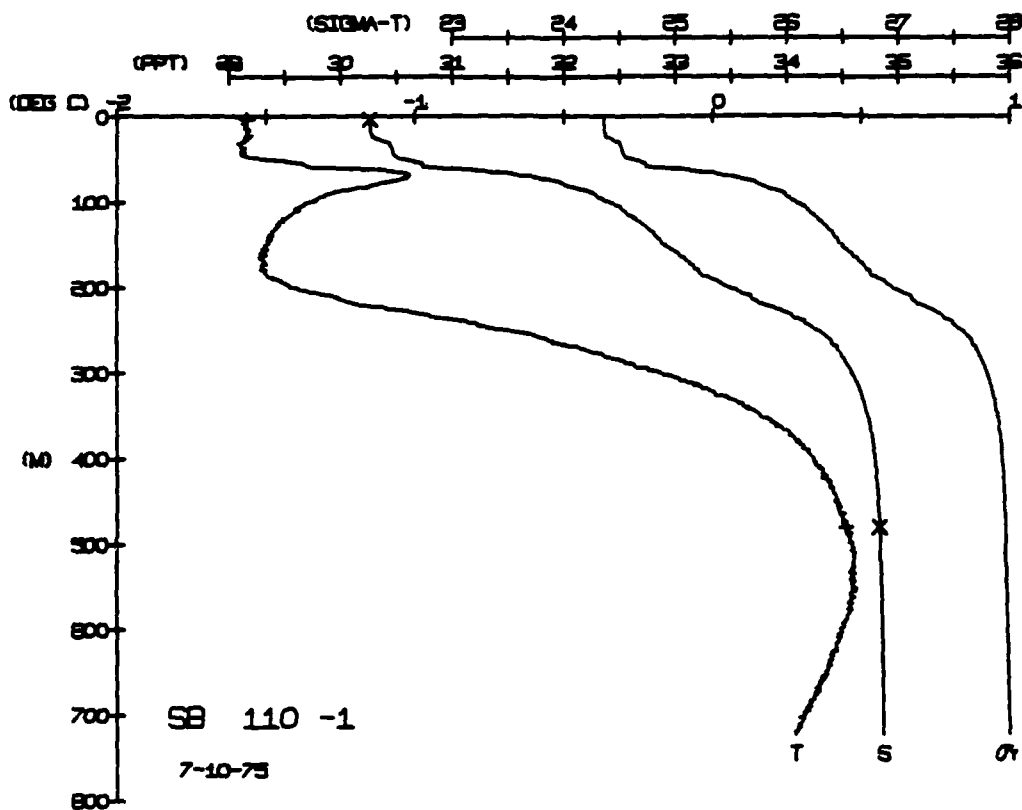
WUT NUM = 1	DEPTH	TEMP.	SALIN.
WUT NUM = 2	2.8	-1.58	
	228.5	-1.05	33.88



SNOWBIRD STATION 112(1) CTD 11/JUL/1975 1800 GMT CODE = 3
LAT = 76.4869N LNG = 149.7262W LTER = 0 LGER = 0
AIR TEMP = -0.2 BAROM = 1015.5 WIND = 206.2 SPEED = 15.9

DEPTH	TEMP	PTMP	SAILIN	SIG T	SPVUL	DINHT	SOUND
0-10	33.00	33.00	0.00	0.00	0.00	0.00	0.00
10-20	32.50	32.50	0.00	0.00	0.00	0.00	0.00
20-30	32.00	32.00	0.00	0.00	0.00	0.00	0.00
30-40	31.50	31.50	0.00	0.00	0.00	0.00	0.00
40-50	31.00	31.00	0.00	0.00	0.00	0.00	0.00
50-60	30.50	30.50	0.00	0.00	0.00	0.00	0.00
60-70	30.00	30.00	0.00	0.00	0.00	0.00	0.00
70-80	29.50	29.50	0.00	0.00	0.00	0.00	0.00
80-90	29.00	29.00	0.00	0.00	0.00	0.00	0.00
90-100	28.50	28.50	0.00	0.00	0.00	0.00	0.00
100-110	28.00	28.00	0.00	0.00	0.00	0.00	0.00
110-120	27.50	27.50	0.00	0.00	0.00	0.00	0.00
120-130	27.00	27.00	0.00	0.00	0.00	0.00	0.00
130-140	26.50	26.50	0.00	0.00	0.00	0.00	0.00
140-150	26.00	26.00	0.00	0.00	0.00	0.00	0.00
150-160	25.50	25.50	0.00	0.00	0.00	0.00	0.00
160-170	25.00	25.00	0.00	0.00	0.00	0.00	0.00
170-180	24.50	24.50	0.00	0.00	0.00	0.00	0.00
180-190	24.00	24.00	0.00	0.00	0.00	0.00	0.00
190-200	23.50	23.50	0.00	0.00	0.00	0.00	0.00
200-210	23.00	23.00	0.00	0.00	0.00	0.00	0.00
210-220	22.50	22.50	0.00	0.00	0.00	0.00	0.00
220-230	22.00	22.00	0.00	0.00	0.00	0.00	0.00
230-240	21.50	21.50	0.00	0.00	0.00	0.00	0.00
240-250	21.00	21.00	0.00	0.00	0.00	0.00	0.00
250-260	20.50	20.50	0.00	0.00	0.00	0.00	0.00
260-270	20.00	20.00	0.00	0.00	0.00	0.00	0.00
270-280	19.50	19.50	0.00	0.00	0.00	0.00	0.00
280-290	19.00	19.00	0.00	0.00	0.00	0.00	0.00
290-300	18.50	18.50	0.00	0.00	0.00	0.00	0.00
300-310	18.00	18.00	0.00	0.00	0.00	0.00	0.00
310-320	17.50	17.50	0.00	0.00	0.00	0.00	0.00
320-330	17.00	17.00	0.00	0.00	0.00	0.00	0.00
330-340	16.50	16.50	0.00	0.00	0.00	0.00	0.00
340-350	16.00	16.00	0.00	0.00	0.00	0.00	0.00
350-360	15.50	15.50	0.00	0.00	0.00	0.00	0.00
360-370	15.00	15.00	0.00	0.00	0.00	0.00	0.00
370-380	14.50	14.50	0.00	0.00	0.00	0.00	0.00
380-390	14.00	14.00	0.00	0.00	0.00	0.00	0.00
390-400	13.50	13.50	0.00	0.00	0.00	0.00	0.00
400-410	13.00	13.00	0.00	0.00	0.00	0.00	0.00
410-420	12.50	12.50	0.00	0.00	0.00	0.00	0.00
420-430	12.00	12.00	0.00	0.00	0.00	0.00	0.00
430-440	11.50	11.50	0.00	0.00	0.00	0.00</	

[illegible]



SNOWBIRD STATION 116(1) CTD 14/JUL/1975 1015 GMT CODE = 3
LAT = 76.5672N LNG = 140.8360W LTER = 0 LGER = 0
AIR TEMP = -0.3 WARM = 1016.9 WIND = 332.2 SPEED = 26.5

SOUND

DYHNT

SPVOL.

SIG I

SALIN

PIEP

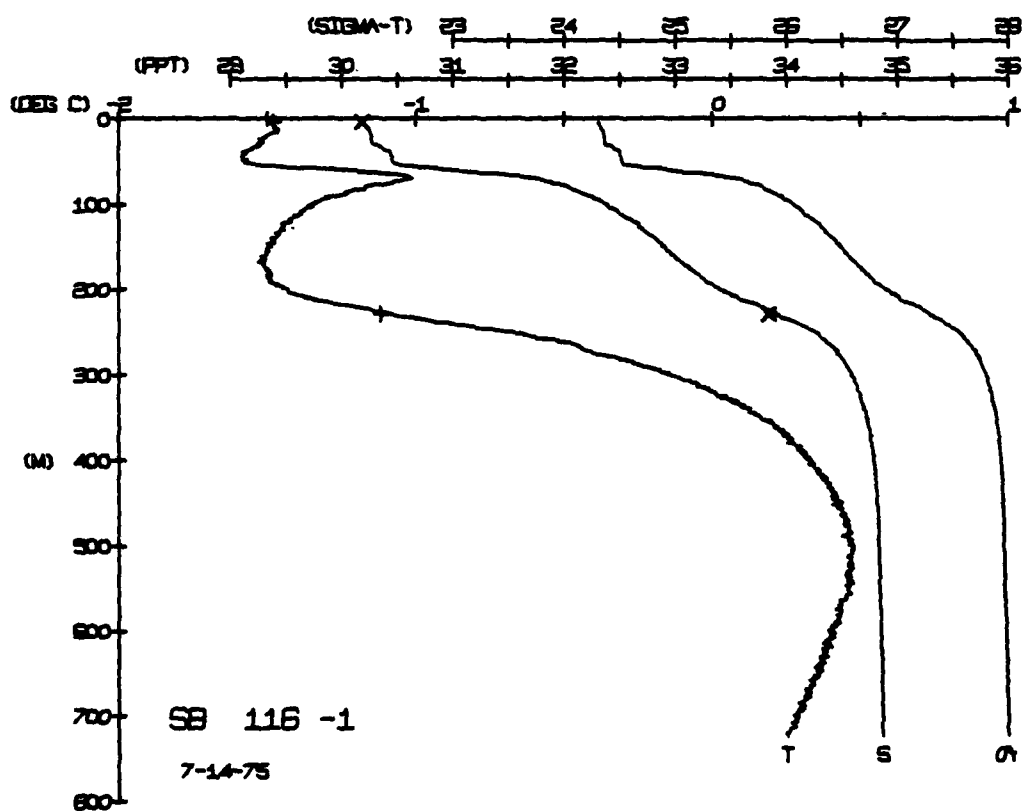
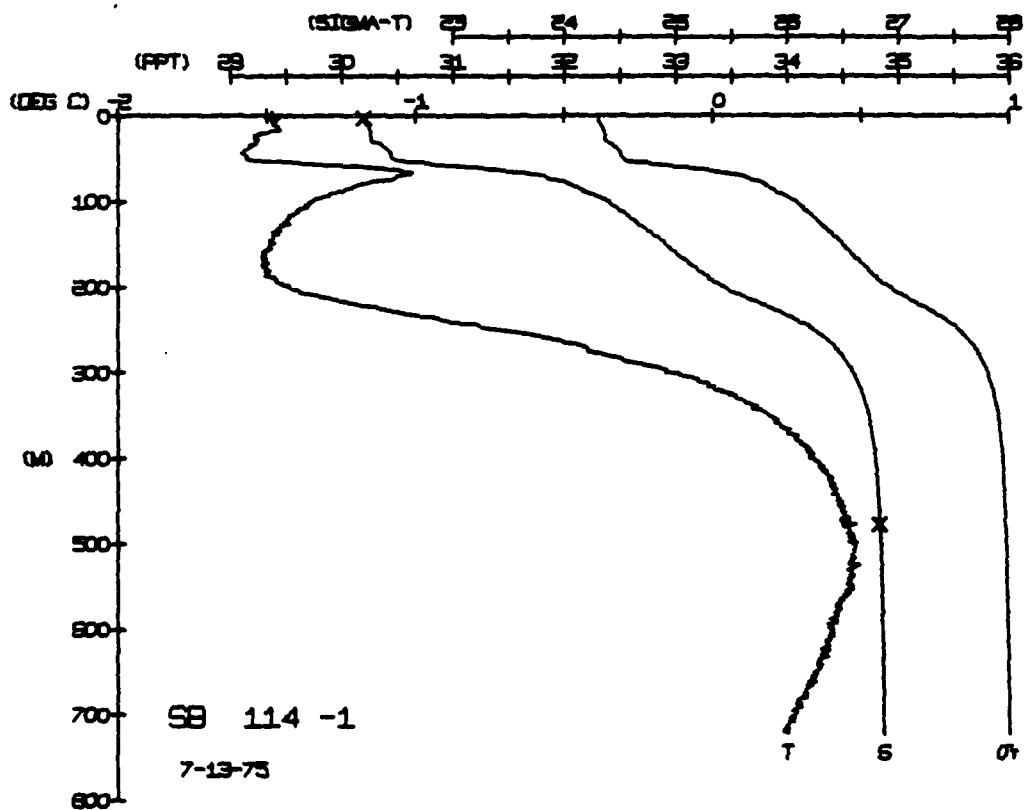
TEMP

DEPTH

	DEPTH	TEMP.	SALIN.
BOT NUM = 1	3.5	-1.48	30.18
BOT NUM = 2	228.5	-1.12	33.85

[illegible]

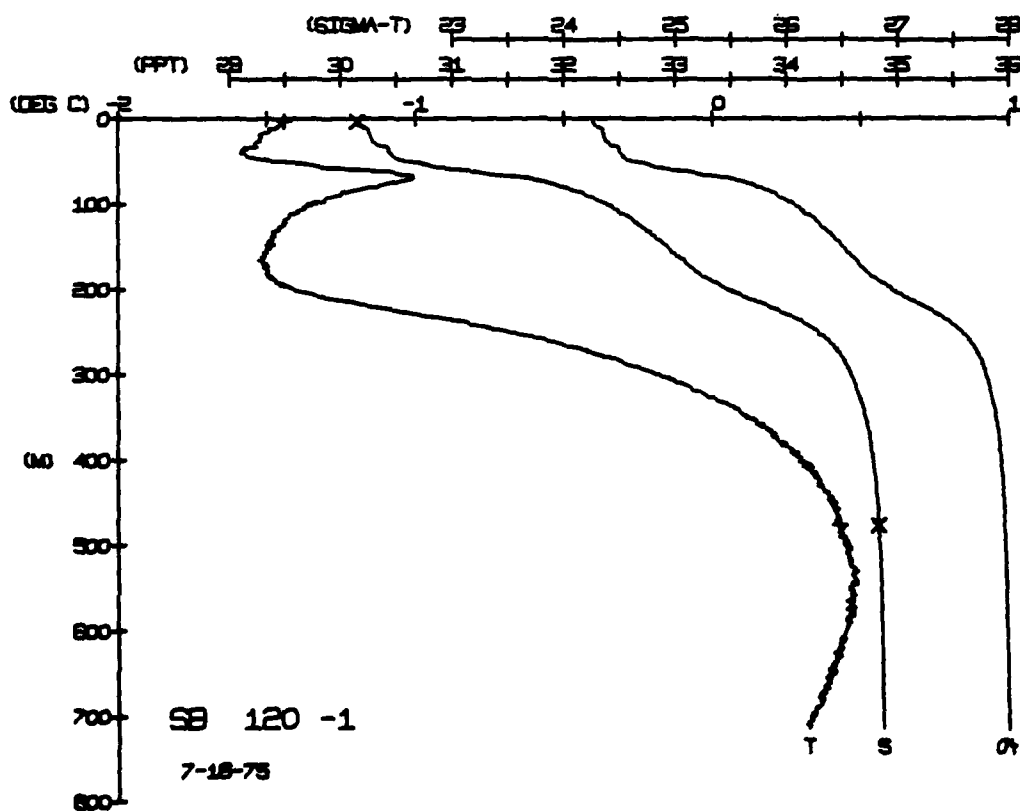
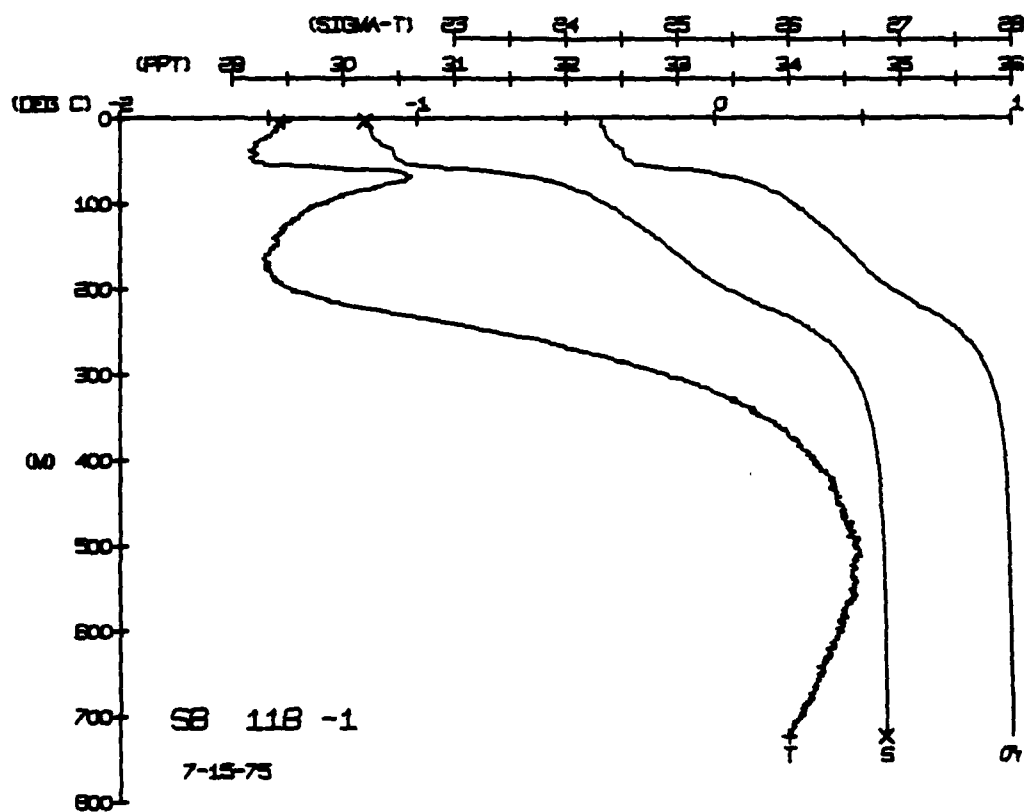
DEPTH	TEMP.	SALIN.
3.0	-1.49	30.19
477.4	0.46	34.83



SNOWBIRD STATION 120(1) CTD 16/JUL/1975 1800 GMT CODE = 3
LAT = 76.4863N LNG = 148.8790W ITER = 0 LGER = 0
AIR TEMP = 1.0 BARUM = 1013.5 WIND = 301.9 SPEED = 62.1

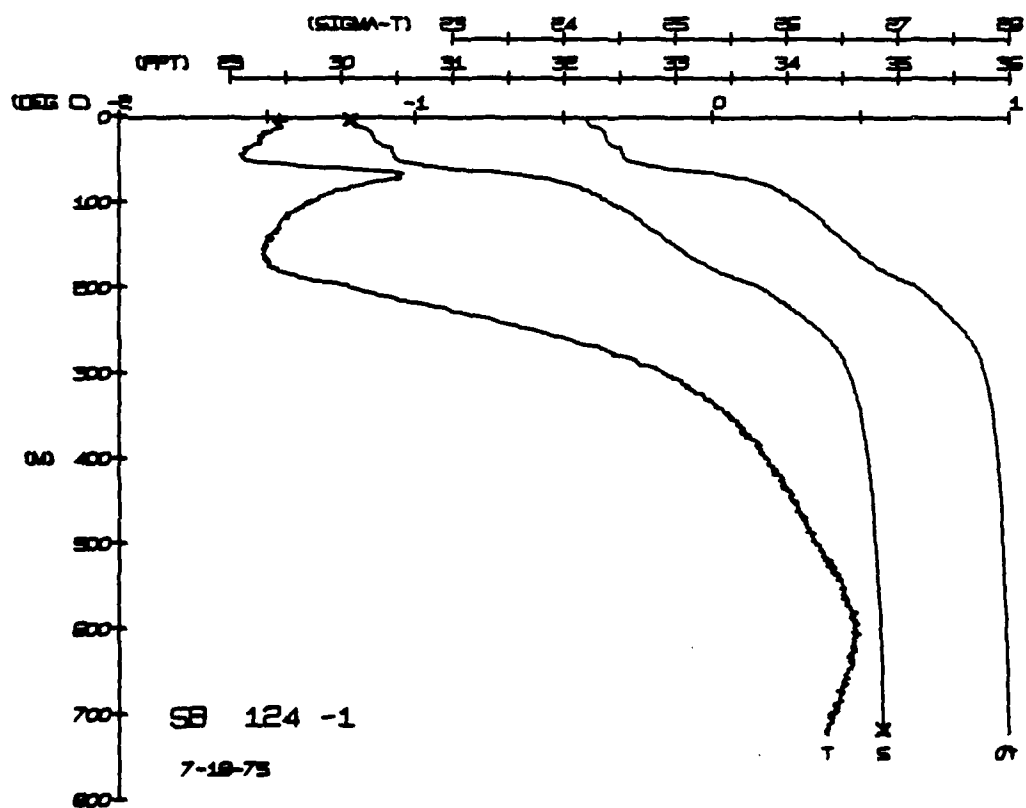
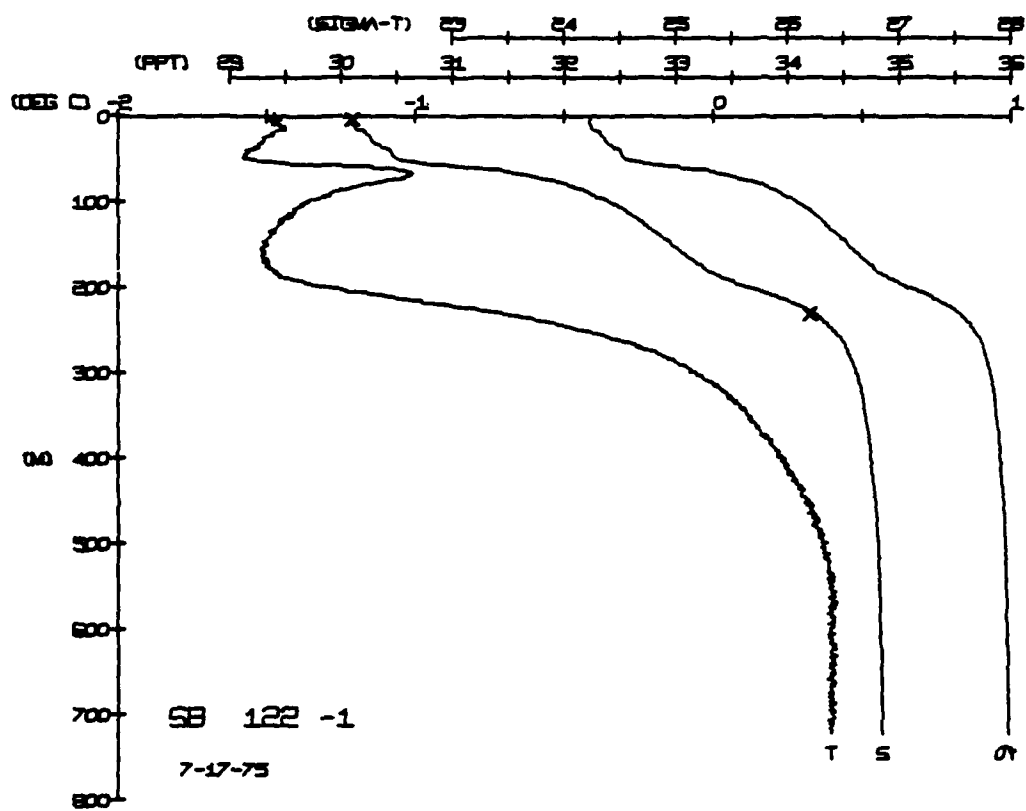
SOUND	
DIMHT	
SPVOL	
SIG T	
BALIN	
PIEP	
TEMP	
DEPTH	

	DEPTH	TEMP.	SALIN.
80T NUM = 1	3.3	-1.44	30.14
80T NUM = 2	476.1	0.43	34.83



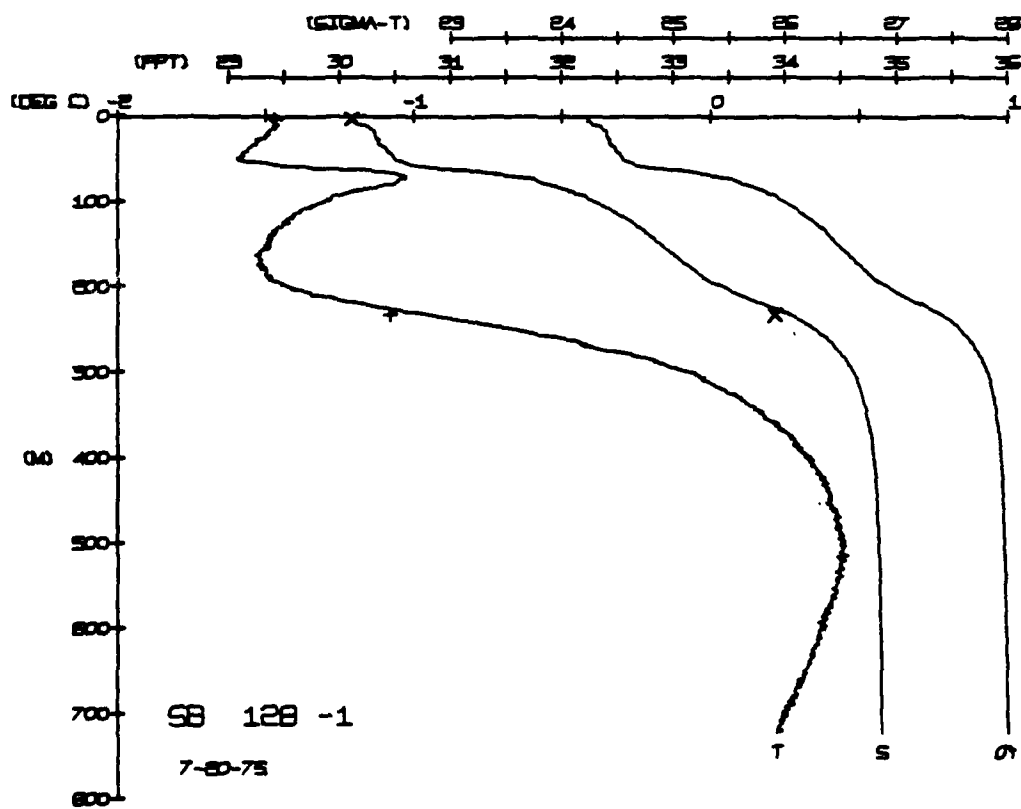
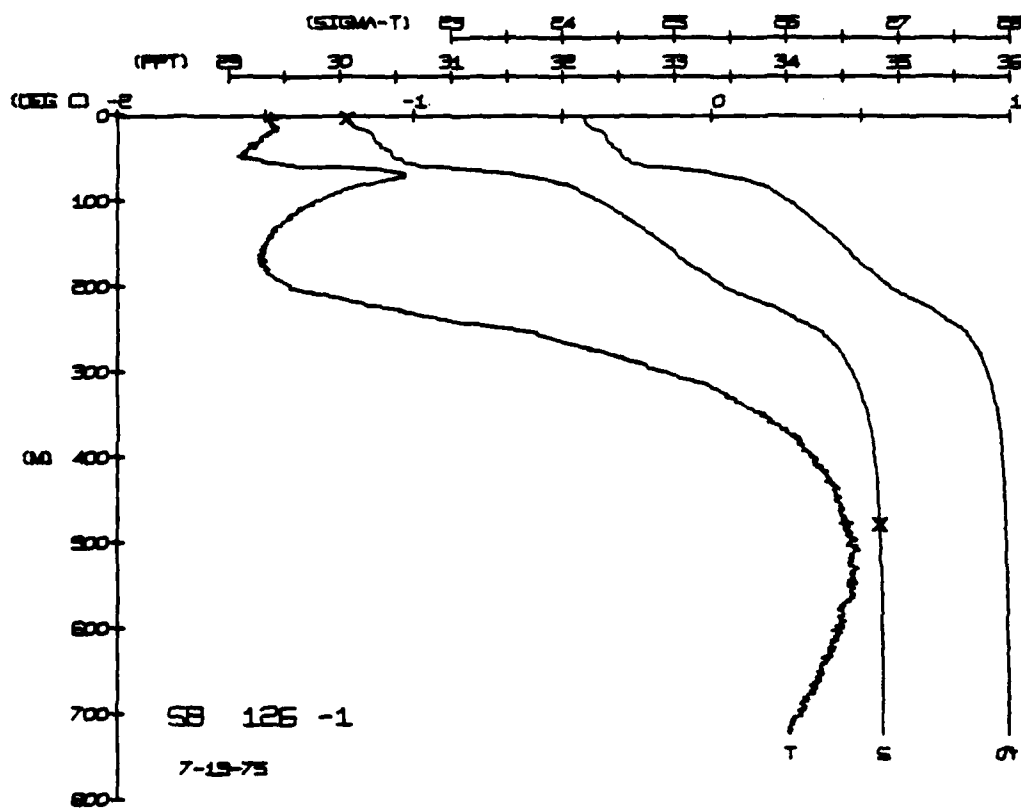
BSNWBIRD STATION 124(1) CTD 1R/JUL/1975 1800 GMT CODE = 3
LAT = 76.3922N LNG = 148.7039W LYFR = 0; LGCR = 0;
BAROM = -0.3 HAHUM = 1015.5 WIND = 304.4 SPEED = 60.2

[illegible]



SNOWBIRD STATION 120(1) CTD 20/JUL/1975 1800 GMT CODE = 3
LAT = 76.2638N LNC = 149.7624W I.TER = 1 LGER = 2
AIR TEMP = 0.2 BARUM = 1011.5 WIND = 302.4 SPEED = 78.5

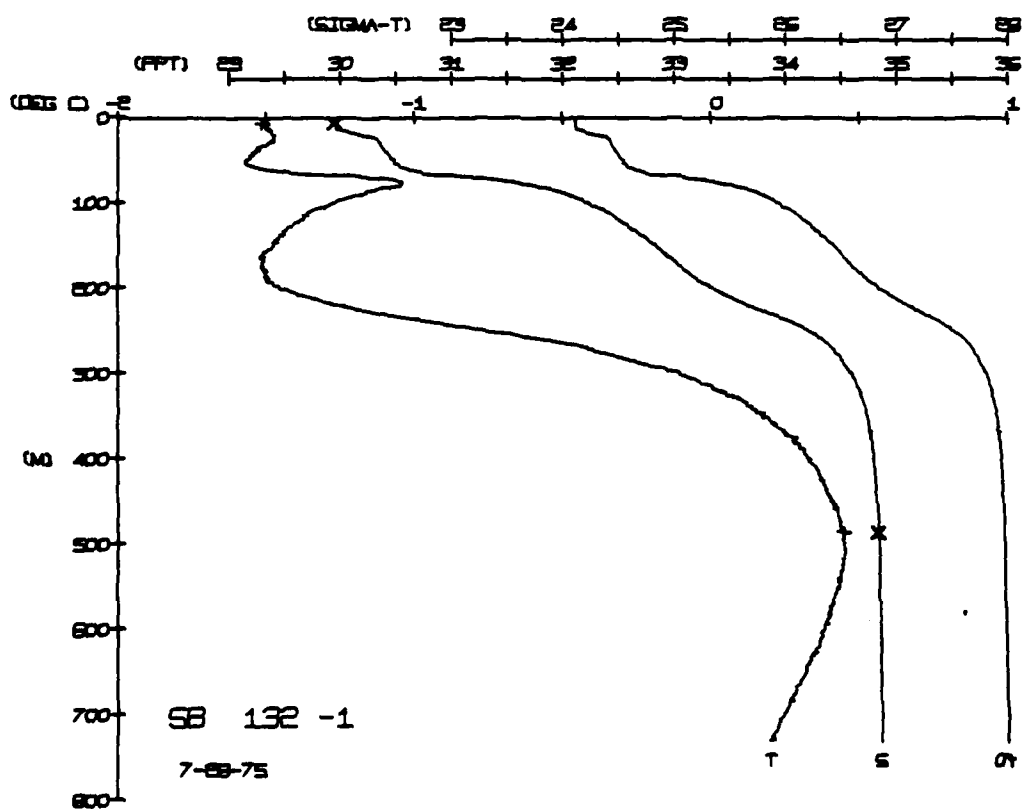
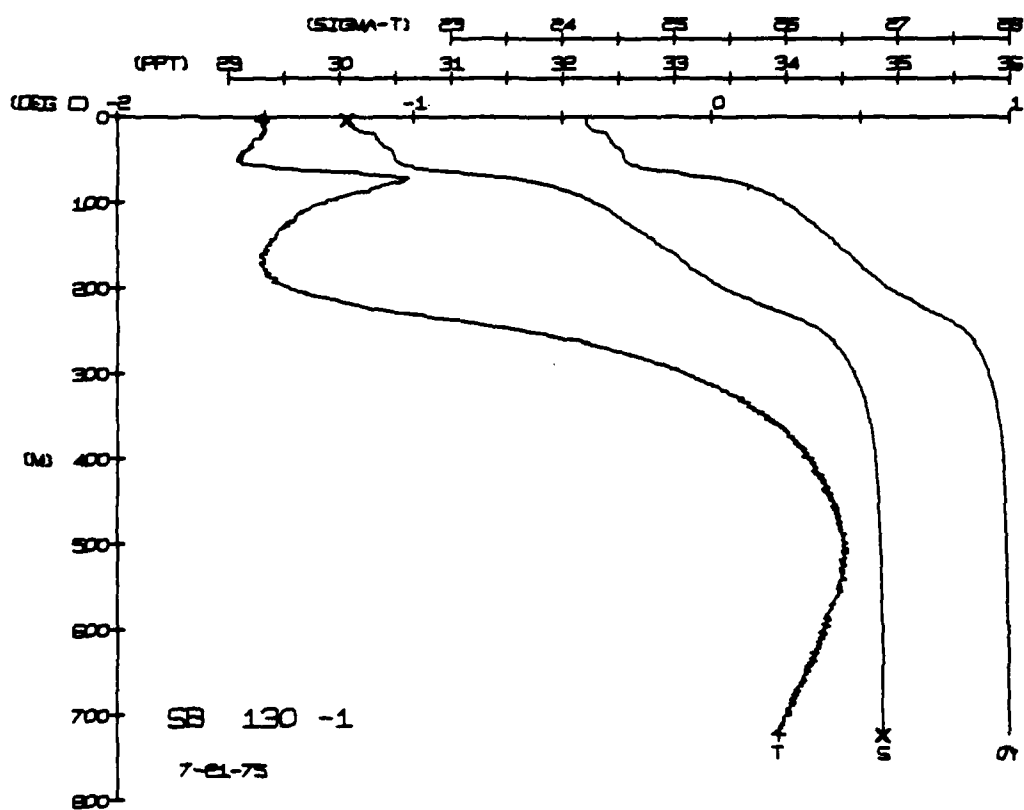
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVCL	DYNHT	SOUND
0	19.99	19.99	35.00	0.00	0.00	0.00	0.00
1	19.99	19.99	35.00	0.00	0.00	0.00	0.00
2	19.99	19.99	35.00	0.00	0.00	0.00	0.00
3	19.99	19.99	35.00	0.00	0.00	0.00	0.00
4	19.99	19.99	35.00	0.00	0.00	0.00	0.00
5	19.99	19.99	35.00	0.00	0.00	0.00	0.00
6	19.99	19.99	35.00	0.00	0.00	0.00	0.00
7	19.99	19.99	35.00	0.00	0.00	0.00	0.00
8	19.99	19.99	35.00	0.00	0.00	0.00	0.00
9	19.99	19.99	35.00	0.00	0.00	0.00	0.00
10	19.99	19.99	35.00	0.00	0.00	0.00	0.00
11	19.99	19.99	35.00	0.00	0.00	0.00	0.00
12	19.99	19.99	35.00	0.00	0.00	0.00	0.00
13	19.99	19.99	35.00	0.00	0.00	0.00	0.00
14	19.99	19.99	35.00	0.00	0.00	0.00	0.00
15	19.99	19.99	35.00	0.00	0.00	0.00	0.00
16	19.99	19.99	35.00	0.00	0.00	0.00	0.00
17	19.99	19.99	35.00	0.00	0.00	0.00	0.00
18	19.99	19.99	35.00	0.00	0.00	0.00	0.00
19	19.99	19.99	35.00	0.00	0.00	0.00	0.00
20	19.99	19.99	35.00	0.00	0.00	0.00	0.00
21	19.99	19.99	35.00	0.00	0.00	0.00	0.00
22	19.99	19.99	35.00	0.00	0.00	0.00	0.00
23	19.99	19.99	35.00	0.00	0.00	0.00	0.00
24	19.99	19.99	35.00	0.00	0.00	0.00	0.00
25	19.99	19.99	35.00	0.00	0.00	0.00	0.00
26	19.99	19.99	35.00	0.00	0.00	0.00	0.00
27	19.99	19.99	35.00	0.00	0.00	0.00	0.00
28	19.99	19.99	35.00	0.00	0.00	0.00	0.00
29	19.99	19.99	35.00	0.00	0.00	0.00	0.00
30	19.99	19.99	35.00	0.00	0.00	0.00	0.00
31	19.99	19.99	35.00	0.00	0.00	0.00	0.00
32	19.99	19.99	35.00	0.00	0.00	0.00	0.00
33	19.99	19.99	35.00	0.00	0.00	0.00	0.00
34	19.99	19.99	35.00	0.00	0.00	0.00	0.00
35	19.99	19.99	35.00	0.00	0.00	0.00	0.00
36	19.99	19.99	35.00	0.00	0.00	0.00	0.00
37	19.99	19.99	35.00	0.00	0.00	0.00	0.00
38	19.99	19.99	35.00	0.00	0.00	0.00	0.00
39	19.99	19.99	35.00	0.00	0.00	0.00	0.00
40	19.99	19.99	35.00	0.00	0.00	0.00	0.00
41	19.99	19.99	35.00	0.00	0.00	0.00	0.00
42	19.99	19.99	35.00	0.00	0.00	0.00	0.00
43	19.99	19.99	35.00	0.00	0.00	0.00	0.00
44	19.99	19.99	35.00	0.00	0.00	0.00	0.00
45	19.99	19.99	35.00	0.00	0.00	0.00	0.00
46	19.99	19.99	35.00	0.00	0.00	0.00	0.00
47	19.99	19.99	35.00	0.00	0.00	0.00	0.00
48	19.99	19.99	35.00	0.00	0.00	0.00	0.00
49	19.99	19.99	35.00	0.00	0.00	0.00	0.00
50	19.99	19.99	35.00	0.00	0.00	0.00	0.00



SNOWBIRD STATION 132(1) CTD 28/JUL/1975 1800 GMT CODE = 1
LAT = 75.8223N LNG = 149.4630W LTR = 1 LGFM = 1
AIR TEMP = -0.2 BARUM = 999.9 WIND = 244.7 SPEED = 40.3

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.1	15.3	15.3	30.08	24.21	371.7	0.00	435.2
0.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
1.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
1.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
2.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
2.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
3.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
3.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
4.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
4.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
5.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
5.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
6.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
6.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
7.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
7.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
8.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
8.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
9.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
9.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
10.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
10.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
11.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
11.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
12.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
12.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
13.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
13.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
14.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
14.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
15.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
15.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
16.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
16.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
17.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
17.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
18.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
18.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
19.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
19.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
20.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
20.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
21.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
21.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
22.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
22.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
23.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
23.5	15.3	15.3	30.08	24.21	371.7	0.00	435.2
24.0	15.3	15.3	30.08	24.21	371.7	0.00	435.2
24.5	15.3						

[illegible]



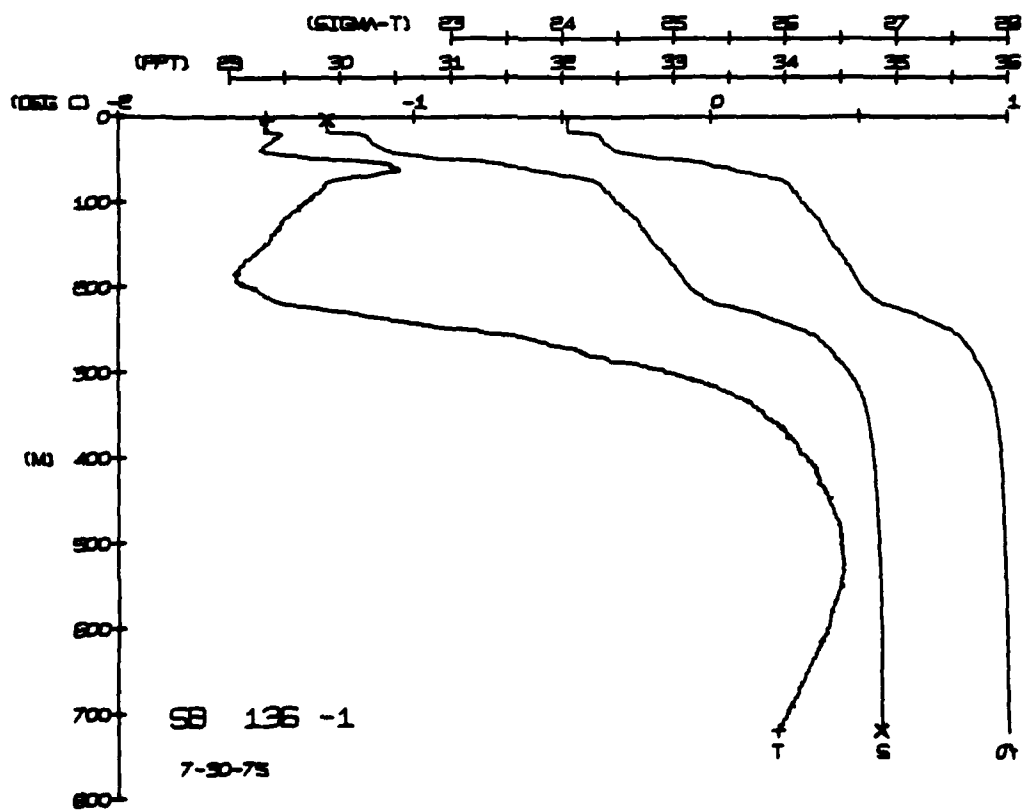
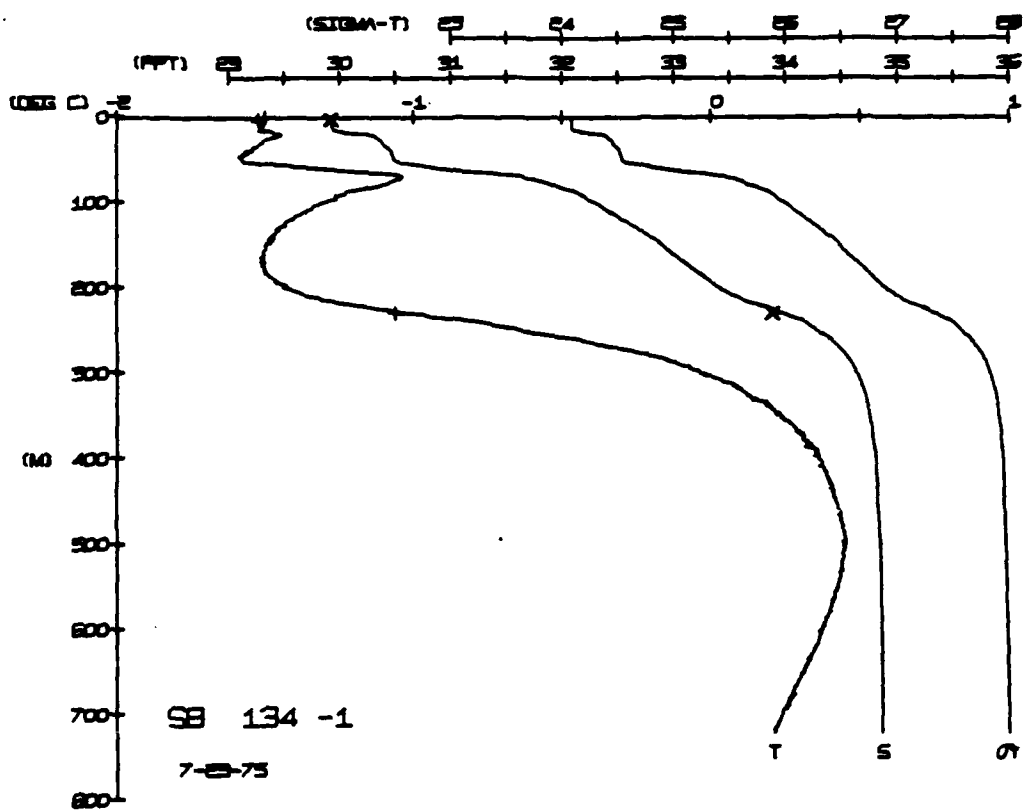
SNOWBIRD STATION 136(1) CTY 30/JUL/1975 1800 GMT CODE = 1
LAT = 75.5878N LNG = 40.0732W UTR = 357. LGER = 432.
BAROM = 1003.3 WIND = SPED =

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVL	DYNHT	SOUND
0	15.20	0.00	35.20	0.00	0.00	0.00	0.00
1	15.15	0.00	35.15	0.00	0.00	0.00	0.00
2	15.10	0.00	35.10	0.00	0.00	0.00	0.00
3	15.05	0.00	35.05	0.00	0.00	0.00	0.00
4	15.00	0.00	35.00	0.00	0.00	0.00	0.00
5	14.95	0.00	34.95	0.00	0.00	0.00	0.00
6	14.90	0.00	34.90	0.00	0.00	0.00	0.00
7	14.85	0.00	34.85	0.00	0.00	0.00	0.00
8	14.80	0.00	34.80	0.00	0.00	0.00	0.00
9	14.75	0.00	34.75	0.00	0.00	0.00	0.00
10	14.70	0.00	34.70	0.00	0.00	0.00	0.00
11	14.65	0.00	34.65	0.00	0.00	0.00	0.00
12	14.60	0.00	34.60	0.00	0.00	0.00	0.00
13	14.55	0.00	34.55	0.00	0.00	0.00	0.00
14	14.50	0.00	34.50	0.00	0.00	0.00	0.00
15	14.45	0.00	34.45	0.00	0.00	0.00	0.00
16	14.40	0.00	34.40	0.00	0.00	0.00	0.00
17	14.35	0.00	34.35	0.00	0.00	0.00	0.00
18	14.30	0.00	34.30	0.00	0.00	0.00	0.00
19	14.25	0.00	34.25	0.00	0.00	0.00	0.00
20	14.20	0.00	34.20	0.00	0.00	0.00	0.00
21	14.15	0.00	34.15	0.00	0.00	0.00	0.00
22	14.10	0.00	34.10	0.00	0.00	0.00	0.00
23	14.05	0.00	34.05	0.00	0.00	0.00	0.00
24	14.00	0.00	34.00	0.00	0.00	0.00	0.00
25	13.95	0.00	33.95	0.00	0.00	0.00	0.00
26	13.90	0.00	33.90	0.00	0.00	0.00	0.00
27	13.85	0.00	33.85	0.00	0.00	0.00	0.00
28	13.80	0.00	33.80	0.00	0.00	0.00	0.00
29	13.75	0.00	33.75	0.00	0.00	0.00	0.00
30	13.70	0.00	33.70	0.00	0.00	0.00	0.00
31	13.65	0.00	33.65	0.00	0.00	0.00	0.00
32	13.60	0.00	33.60	0.00	0.00	0.00	0.00
33	13.55	0.00	33.55	0.00	0.00	0.00	0.00
34	13.50	0.00	33.50	0.00	0.00	0.00	0.00
35	13.45	0.00	33.45	0.00	0.00	0.00	0.00
36	13.40	0.00	33.40	0.00	0.00	0.00	0.00
37	13.35	0.00	33.35	0.00	0.00	0.00	0.00
38	13.30	0.00	33.30	0.00	0.00	0.00	0.00
39	13.25	0.00	33.25	0.00	0.00	0.00	0.00
40	13.20	0.00	33.20	0.00	0.00	0.00	0.00
41	13.15	0.00	33.15	0.00	0.00	0.00	0.00
42	13.10	0.00	33.10	0.00	0.00	0.00	0.00
43	13.05	0.00	33.05	0.00	0.00	0.00	0.00
44	13.00	0.00	33.00	0.00	0.00	0.00	0.00
45	12.95	0.00	32.95	0.00	0.00	0.00	0.00
46	12.90	0.00	32.90	0.00	0.00	0.00	0.00
47	12.85	0.00	32.85	0.00	0.00	0.00	0.00
48	12.80	0.00	32.80	0.00	0.00	0.00	0.00
49	12.75	0.00	32.75	0.00	0.00	0.00	0.00
50	12.70	0.00	32.70	0.00	0.00	0.00	0.00
51	12.65	0.00	32.65	0.00	0.0		

BOY NUM = 1	DEPTH	TEMP.	SALIN
BOY NUM = 2	3.2	-1.52	29.91
	230.4	-1.06	33.89

DEPTH	TEMP	PIEPM	SALIN	SIG T	SPVUL	DYNHT	SIUNDO
0	11.2	11.1	29.9	0.0	7.7	0.0	0.1
1	11.2	11.1	29.9	0.0	7.7	0.0	0.1
2	11.2	11.1	29.9	0.0	7.7	0.0	0.1
3	11.2	11.1	29.9	0.0	7.7	0.0	0.1
4	11.2	11.1	29.9	0.0	7.7	0.0	0.1
5	11.2	11.1	29.9	0.0	7.7	0.0	0.1
6	11.2	11.1	29.9	0.0	7.7	0.0	0.1
7	11.2	11.1	29.9	0.0	7.7	0.0	0.1
8	11.2	11.1	29.9	0.0	7.7	0.0	0.1
9	11.2	11.1	29.9	0.0	7.7	0.0	0.1
10	11.2	11.1	29.9	0.0	7.7	0.0	0.1
11	11.2	11.1	29.9	0.0	7.7	0.0	0.1
12	11.2	11.1	29.9	0.0	7.7	0.0	0.1
13	11.2	11.1	29.9	0.0	7.7	0.0	0.1
14	11.2	11.1	29.9	0.0	7.7	0.0	0.1
15	11.2	11.1	29.9	0.0	7.7	0.0	0.1
16	11.2	11.1	29.9	0.0	7.7	0.0	0.1
17	11.2	11.1	29.9	0.0	7.7	0.0	0.1
18	11.2	11.1	29.9	0.0	7.7	0.0	0.1
19	11.2	11.1	29.9	0.0	7.7	0.0	0.1
20	11.2	11.1	29.9	0.0	7.7	0.0	0.1
21	11.2	11.1	29.9	0.0	7.7	0.0	0.1
22	11.2	11.1	29.9	0.0	7.7	0.0	0.1
23	11.2	11.1	29.9	0.0	7.7	0.0	0.1
24	11.2	11.1	29.9	0.0	7.7	0.0	0.1
25	11.2	11.1	29.9	0.0	7.7	0.0	0.1
26	11.2	11.1	29.9	0.0	7.7	0.0	0.1
27	11.2	11.1	29.9	0.0	7.7	0.0	0.1
28	11.2	11.1	29.9	0.0	7.7	0.0	0.1
29	11.2	11.1	29.9	0.0	7.7	0.0	0.1
30	11.2	11.1	29.9	0.0	7.7	0.0	0.1
31	11.2	11.1	29.9	0.0	7.7	0.0	0.1
32	11.2	11.1	29.9	0.0	7.7	0.0	0.1
33	11.2	11.1	29.9	0.0	7.7	0.0	0.1
34	11.2	11.1	29.9	0.0	7.7	0.0	0.1
35	11.2	11.1	29.9	0.0	7.7	0.0	0.1
36	11.2	11.1	29.9	0.0	7.7	0.0	0.1
37	11.2	11.1	29.9	0.0	7.7	0.0	0.1
38	11.2	11.1	29.9	0.0	7.7	0.0	0.1
39	11.2	11.1	29.9	0.0	7.7	0.0	0.1
40	11.2	11.1	29.9	0.0	7.7	0.0	0.1
41	11.2	11.1	29.9	0.0	7.7	0.0	0.1
42	11.2	11.1	29.9	0.0	7.7	0.0	0.1
43	11.2	11.1	29.9	0.0	7.7	0.0	0.1
44	11.2	11.1	29.9	0.0	7.7	0.0	0.1
45	11.2	11.1	29.9	0.0	7.7	0.0	0.1
46	11.2	11.1	29.9	0.0	7.7	0.0	0.1
47	11.2	11.1	29.9	0.0	7.7	0.0	0.1
48	11.2	11.1	29.9	0.0	7.7	0.0	0.1
49	11.2	11.1	29.9	0.0	7.7	0.0	0.1
50	11.2	11.1	29.9	0.0	7.7	0.0	0.1
51	11.2	11.1	29.9	0.0	7.7	0.0	0.1
52	11.2	11.1	29.9	0.0	7.7	0.0	0.1
53	11.2	11.1	29.9	0.0	7.7	0.0	0.1
54	11.2	11.1	29.9	0.0	7.7	0.0	0.1
55	11.2	11.1	29.9	0.0	7.7	0.0	0.1</

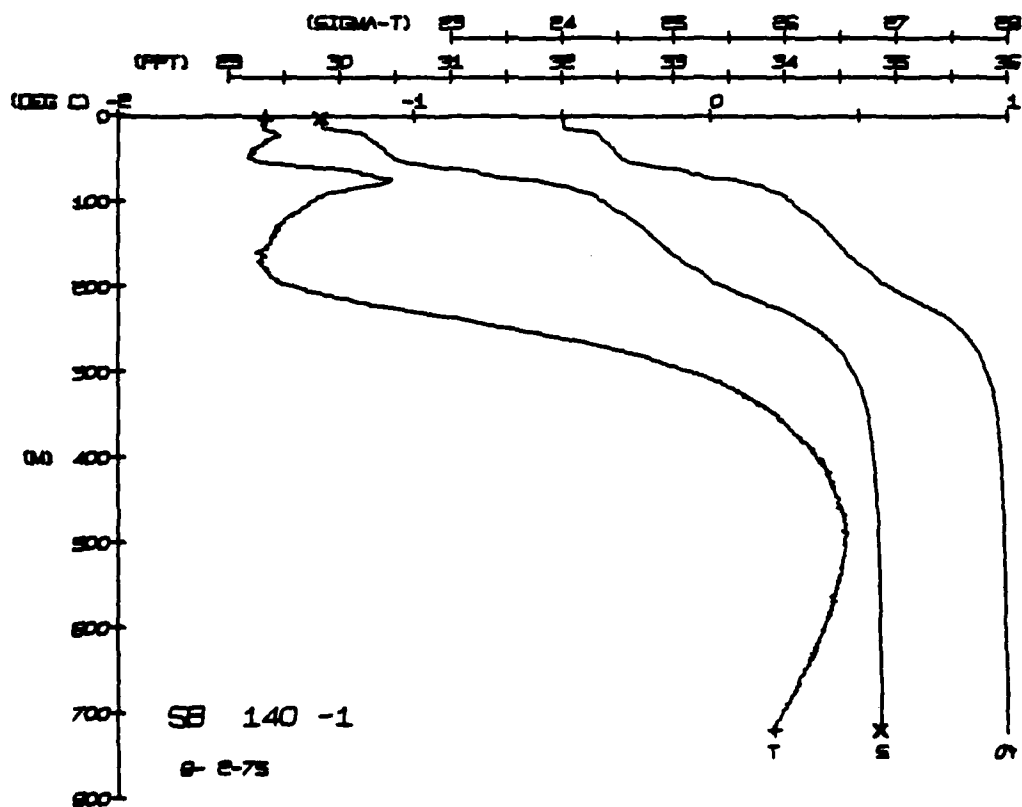
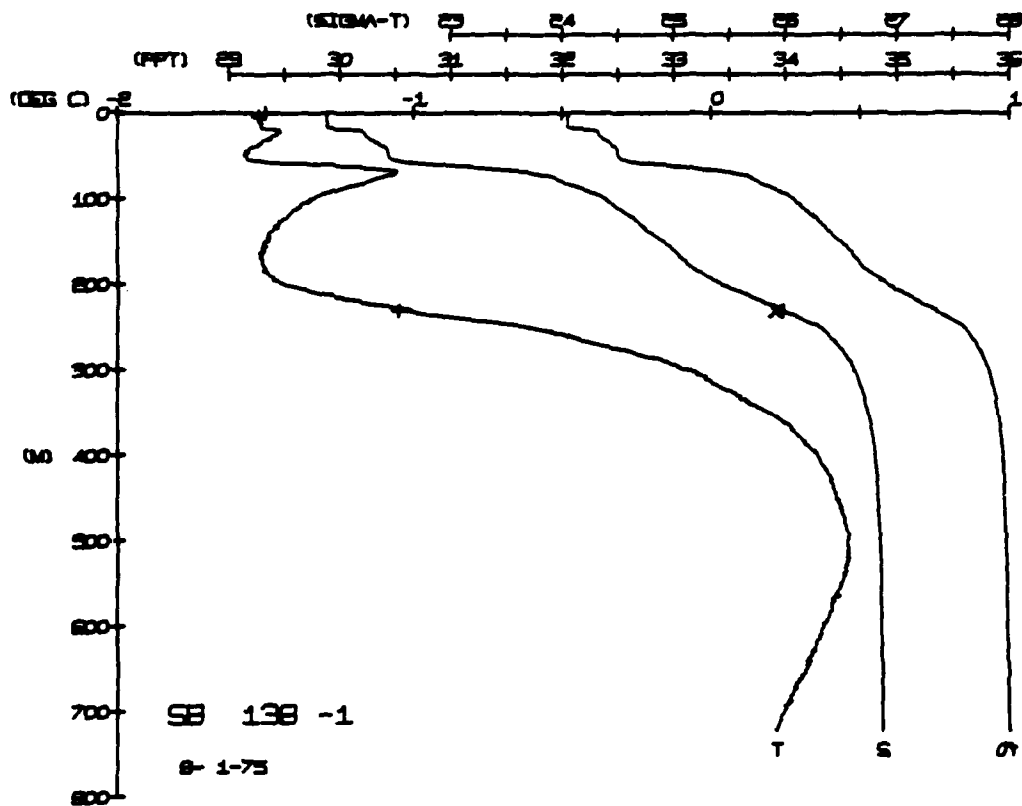
	DEPTH	TEMP.	SALIN.
1 BOT NUM = 1	3.2	-1.50	39.87
2 BOT NUM = 2	719.9	0.23	34.87



SNOWBIRD STATION 140(1) CTD 2/AUG/1975 1800 GMT CUDE = 1
LAT = 75.3938N LNG = 148.1478W LTER = 1650. WGEN = 2045.
AIR TEMP = HARUM = 1023.2 WIND = SPEED =

[illegible]

	DEPTH	TEMP.	SALIN.
REF NUM = 1	3.0	-1.50	39.83
HOT NUM = 2	720.4	0.22	34.89

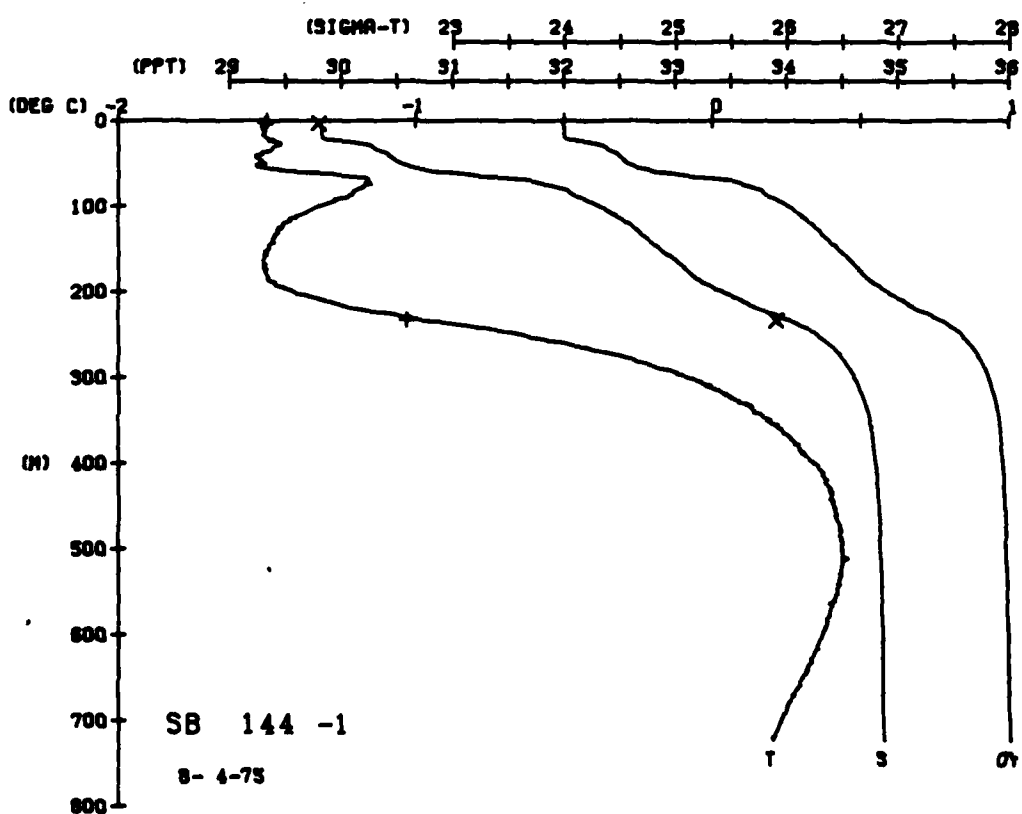
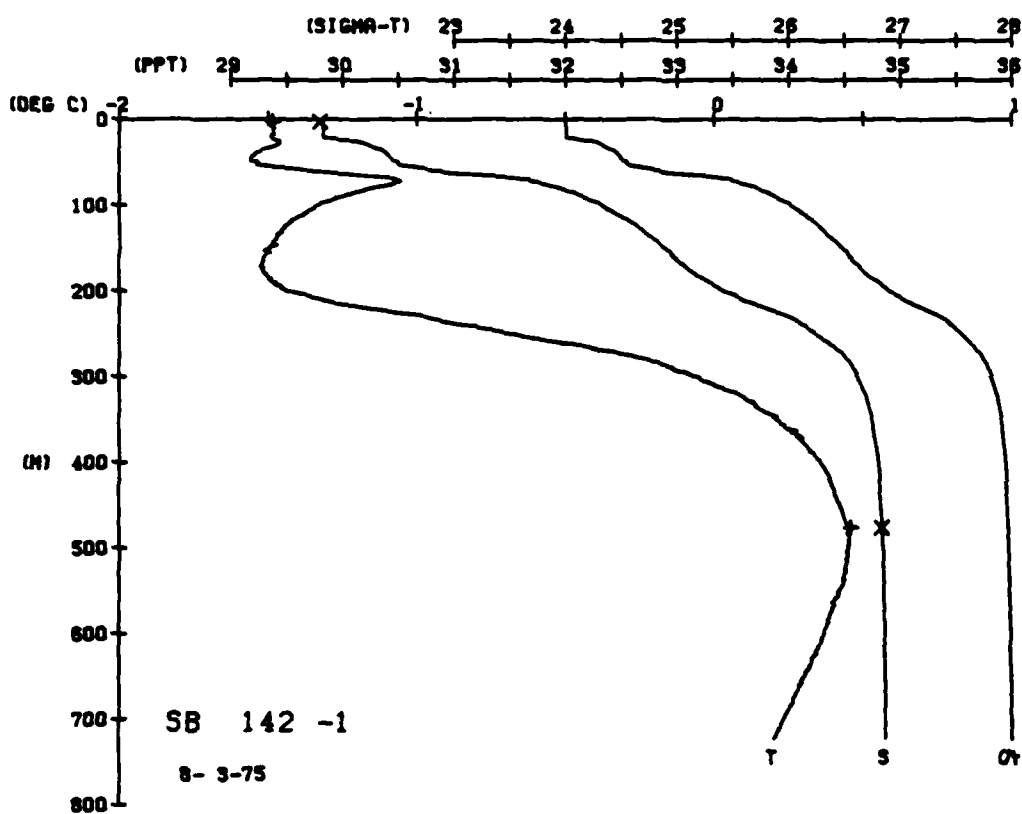


SNOWBIRD STATION 144(1) CTD 4/AUG/1975 1800 GMT CUDE = 1
LAT = 75.3987N LNG = 147.6549W UTER = 1 LGEM = 1
AIR TEMP = -2.1 BARUM = 1015.3 WIND = 196.5 SPEED = 79.6

DEPTH	TEMP	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	1.49	-1.50	1.49	29.80	0.00	0.00	0.00	1.11	0	1.49	-1.50	1.49	29.80	0.00	0.00	0.00	1.11
1	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	1	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
2	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	2	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
3	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	3	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
4	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	4	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
5	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	5	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
6	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	6	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
7	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	7	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
8	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	8	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
9	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	9	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
10	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	10	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
11	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	11	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
12	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	12	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
13	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	13	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
14	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	14	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
15	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	15	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
16	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	16	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
17	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	17	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
18	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	18	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
19	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	19	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
20	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12	20	0.46	-1.03	0.46	34.84	0.00	0.00	0.00	1.12
21	0.46	-1.03	0.46	34.84	0.00	0.00											

BOT	NUM	= 1	3	-1.50	39.00
BOT	NUM	= 2	3	-1.03	33.91
BOT	NUM	= 3	2		

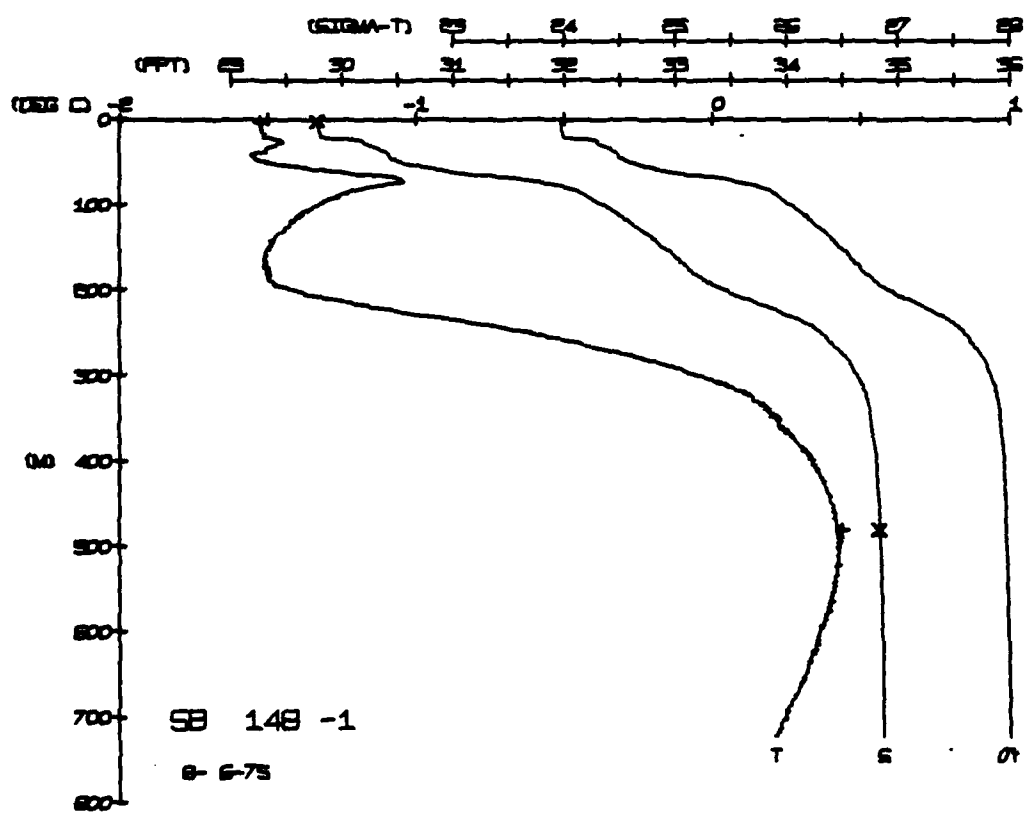
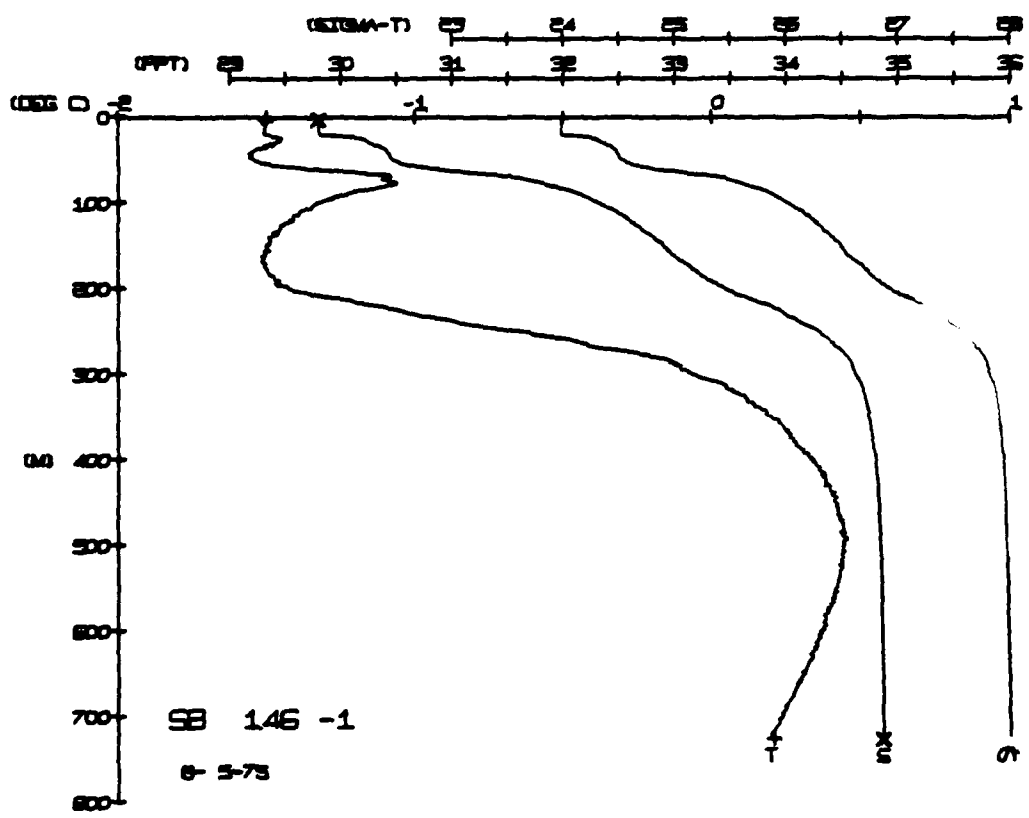
BUT NUM = 1	3.0	-1.49	29.80
BUT NUM = 2	476.2	0.46	34.84



SNOWBIRD STATION 148(1) CTD 6/AUG/1975 1800 GMT CODE = 1
LAT = 75.3712N LNC = 147.0481W I.TER = 3
AIR TEMP = -0.6 BAROM = 1008.6 WIND = 263.7 SPEED = 30.9
LGR = 2

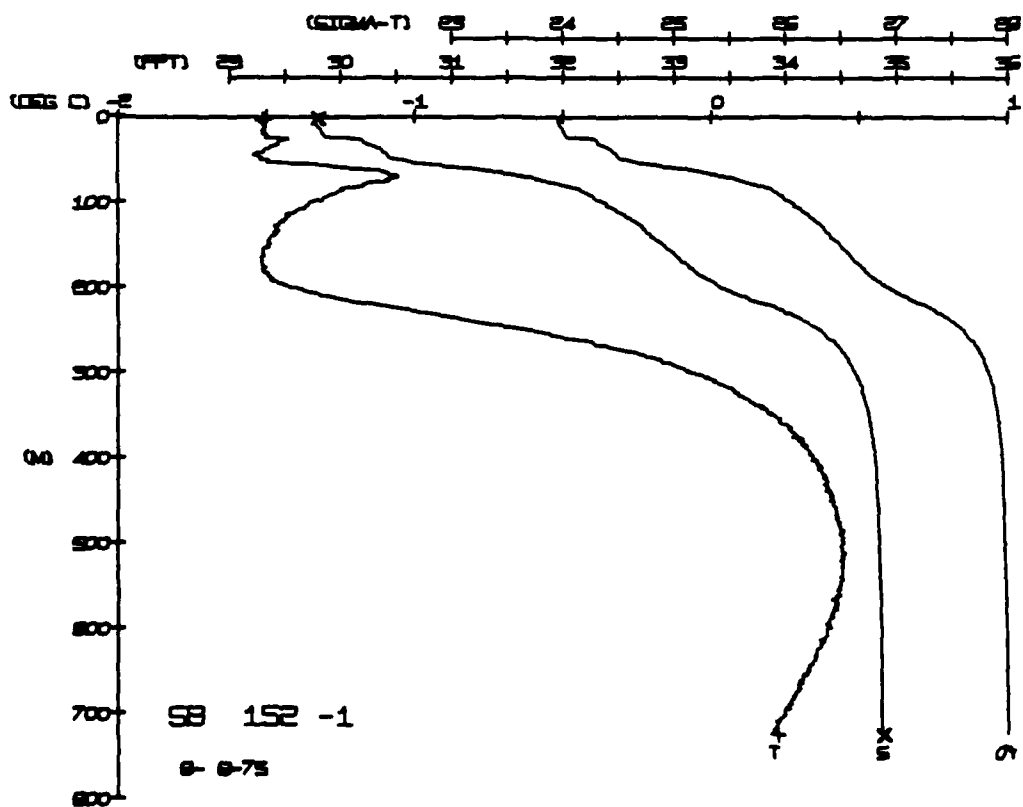
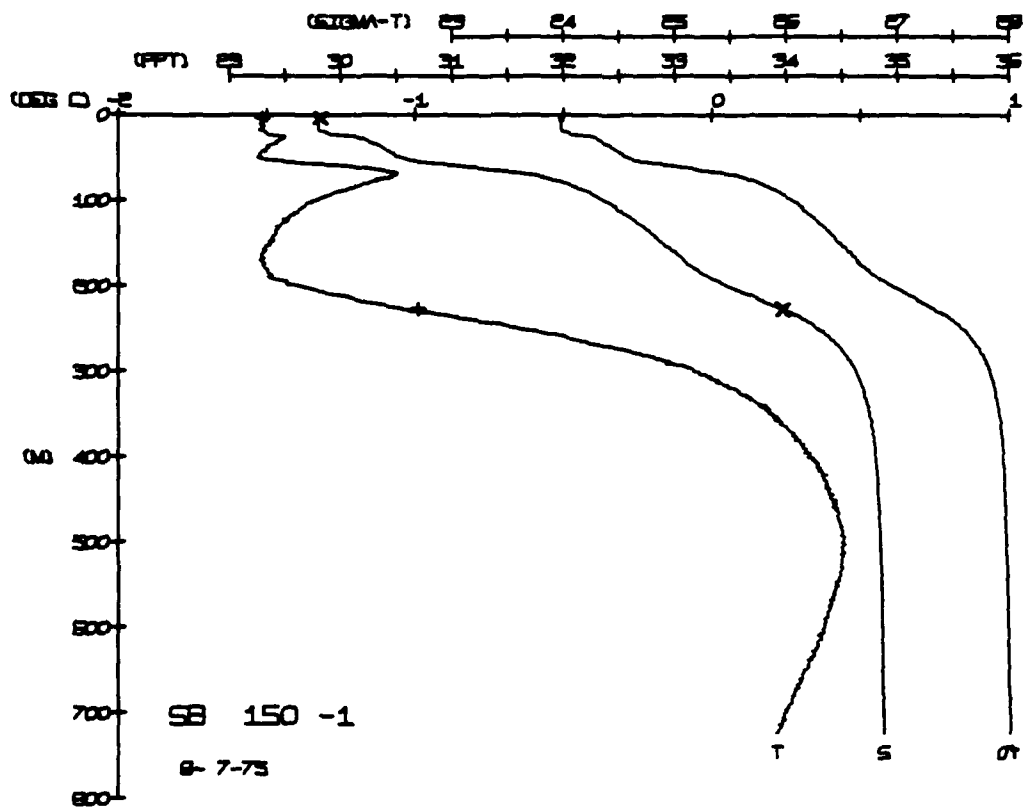
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVL	DYNH	SOUND
0	51.01	51.01	725.9	99.99	4.39	0.00	0.00
1	51.01	51.01	725.9	99.99	4.39	0.00	0.00
2	51.01	51.01	725.9	99.99	4.39	0.00	0.00
3	51.01	51.01	725.9	99.99	4.39	0.00	0.00
4	51.01	51.01	725.9	99.99	4.39	0.00	0.00
5	51.01	51.01	725.9	99.99	4.39	0.00	0.00
6	51.01	51.01	725.9	99.99	4.39	0.00	0.00
7	51.01	51.01	725.9	99.99	4.39	0.00	0.00
8	51.01	51.01	725.9	99.99	4.39	0.00	0.00
9	51.01	51.01	725.9	99.99	4.39	0.00	0.00
10	51.01	51.01	725.9	99.99	4.39	0.00	0.00
11	51.01	51.01	725.9	99.99	4.39	0.00	0.00
12	51.01	51.01	725.9	99.99	4.39	0.00	0.00
13	51.01	51.01	725.9	99.99	4.39	0.00	0.00
14	51.01	51.01	725.9	99.99	4.39	0.00	0.00
15	51.01	51.01	725.9	99.99	4.39	0.00	0.00
16	51.01	51.01	725.9	99.99	4.39	0.00	0.00
17	51.01	51.01	725.9	99.99	4.39	0.00	0.00
18	51.01	51.01	725.9	99.99	4.39	0.00	0.00
19	51.01	51.01	725.9	99.99	4.39	0.00	0.00
20	51.01	51.01	725.9	99.99	4.39	0.00	0.00
21	51.01	51.01	725.9	99.99	4.39	0.00	0.00
22	51.01	51.01	725.9	99.99	4.39	0.00	0.00
23	51.01	51.01	725.9	99.99	4.39	0.00	0.00
24	51.01	51.01	725.9	99.99	4.39	0.00	0.00
25	51.01	51.01	725.9	99.99	4.39	0.00	0.00
26	51.01	51.01	725.9	99.99	4.39	0.00	0.00
27	51.01	51.01	725.9	99.99	4.39	0.00	0.00
28	51.01	51.01	725.9	99.99	4.39	0.00	0.00
29	51.01	51.01	725.9	99.99	4.39	0.00	0.00
30	51.01	51.01	725.9	99.99	4.39	0.00	0.00
31	51.01	51.01	725.9	99.99	4.39	0.00	0.00
32	51.01	51.01	725.9	99.99	4.39	0.00	0.00
33	51.01	51.01	725.9	99.99	4.39	0.00	0.00
34	51.01	51.01	725.9	99.99	4.39	0.00	0.00
35	51.01	51.01	725.9	99.99	4.39	0.00	0.00
36	51.01	51.01	725.9	99.99	4.39	0.00	0.00
37	51.01	51.01	725.9	99.99	4.39	0.00	0.00
38	51.01	51.01	725.9	99.99	4.39	0.00	0.00
39	51.01	51.01	725.9	99.99	4.39	0.00	0.00
40	51.01	51.01	725.9	99.99	4.39	0.00	0.00
41	51.01	51.01	725.9	99.99	4.39	0.00	0.00
42	51.01	51.01	725.9	99.99	4.39	0.00	0.00
43	51.01	51.01	725.9	99.99	4.39	0.00	0.00
44	51.01	51.01	725.9	99.99	4.39	0.00	0.00
45	51.01	51.01	725.9	99.99	4.39	0.00	0.00
46	51.01	51.01	725.9	99.99	4.39	0.00	0.00
47	51.01	51.01	725.9	99.99	4.39	0.00	0.00
48	51.01	51.01	725.9	99.99	4.39	0.00	0.00
49	51.01	51.01	725.9	99.99	4.39	0.00	0.00
50	51.01	51.01					

[illegible]



SENBURD STATION 152(1) CTD N/AUG/1975 1045 GMT CUDR = 1
LAT = 75.3565N LNG = 146.7406W LTER = 2; LGER = 3;
AIR TEMP = -0.3 BARUM = 996.4 WIND = 203.1 SPEED = 71.5

[illegible]



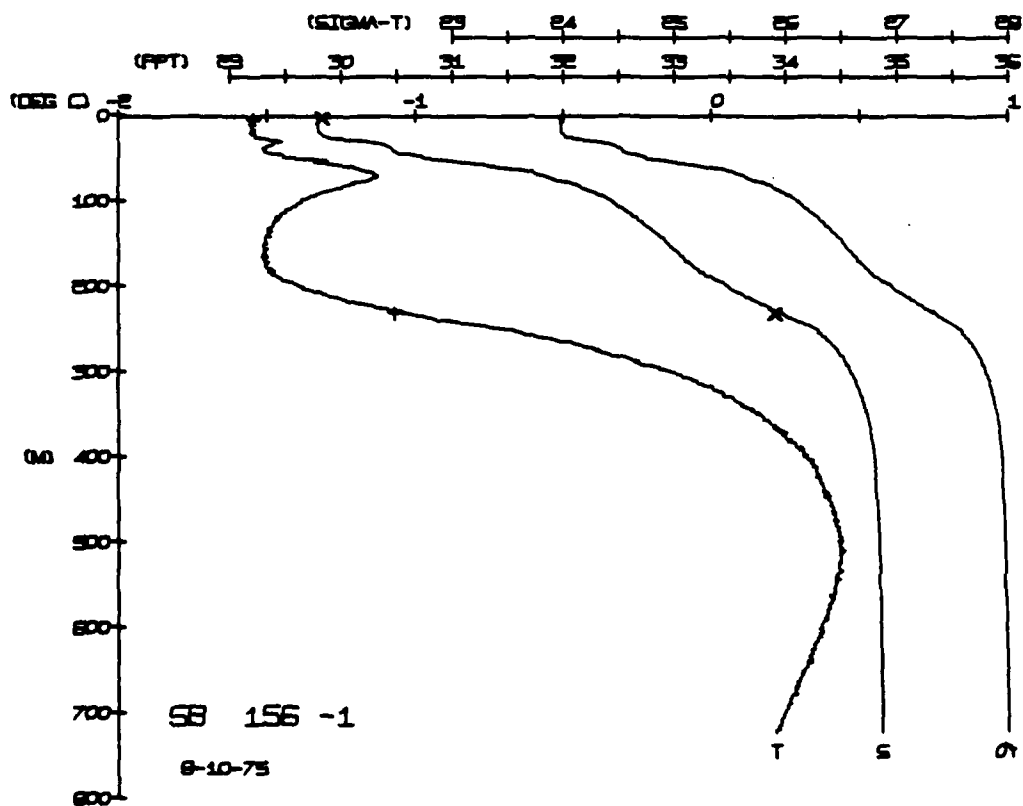
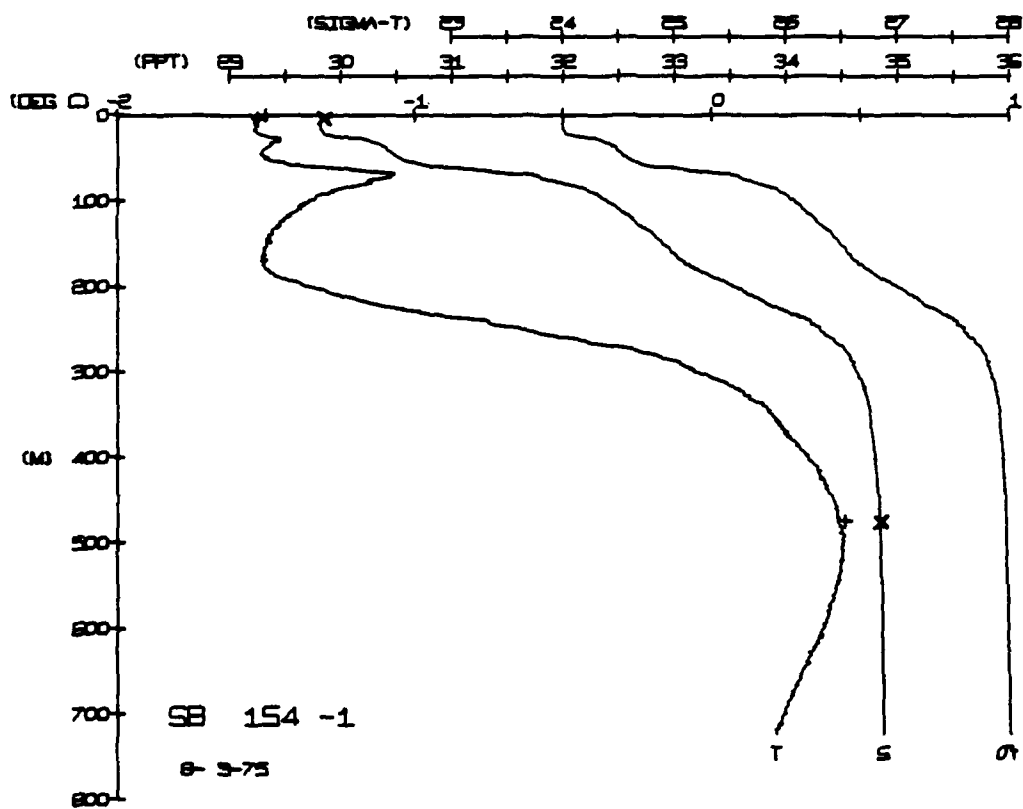
SNOWBIRD STATION 156(1) CTO 10/AUG/1975 1000 CAT CODE = 1
LAT = 75.1329 LNG = 145.8462 W LTH = 1 WGEN = 1
AIR TEMP = -0.1 BAROM = 987.6 WIND = 207.3 SPEED = 74.0

[illegible]

HOT NUM = 1	3.5	-1.53	29.85
HOT NUM = 2	475.5	0.45	34.86

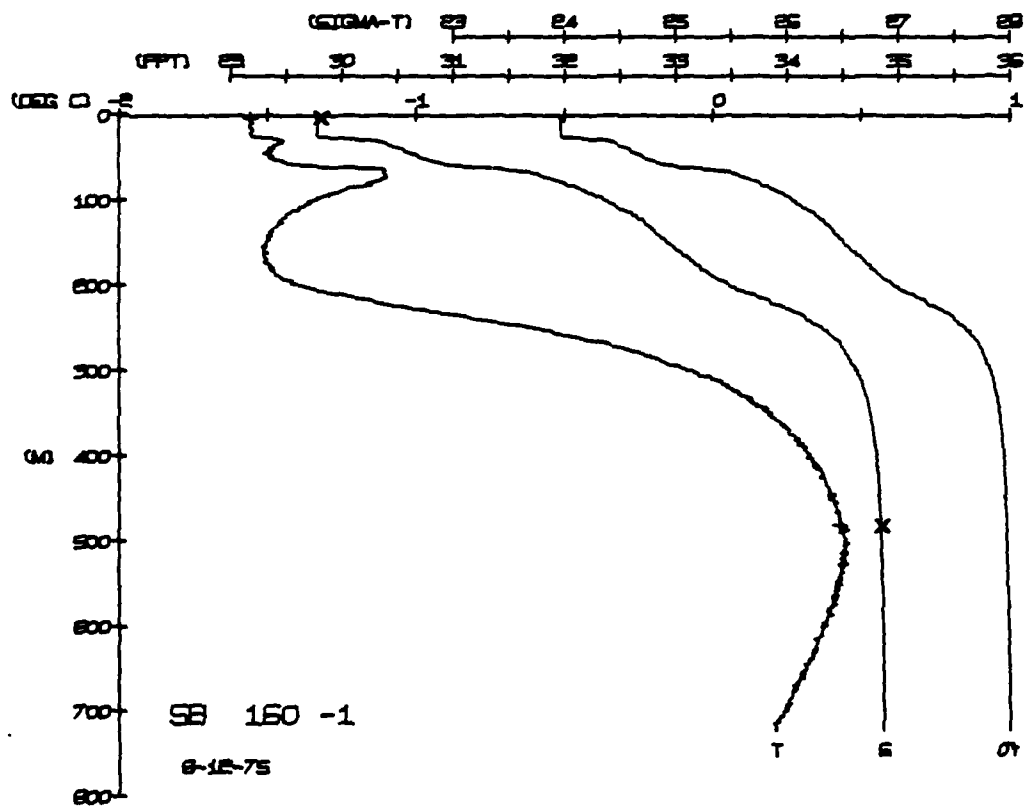
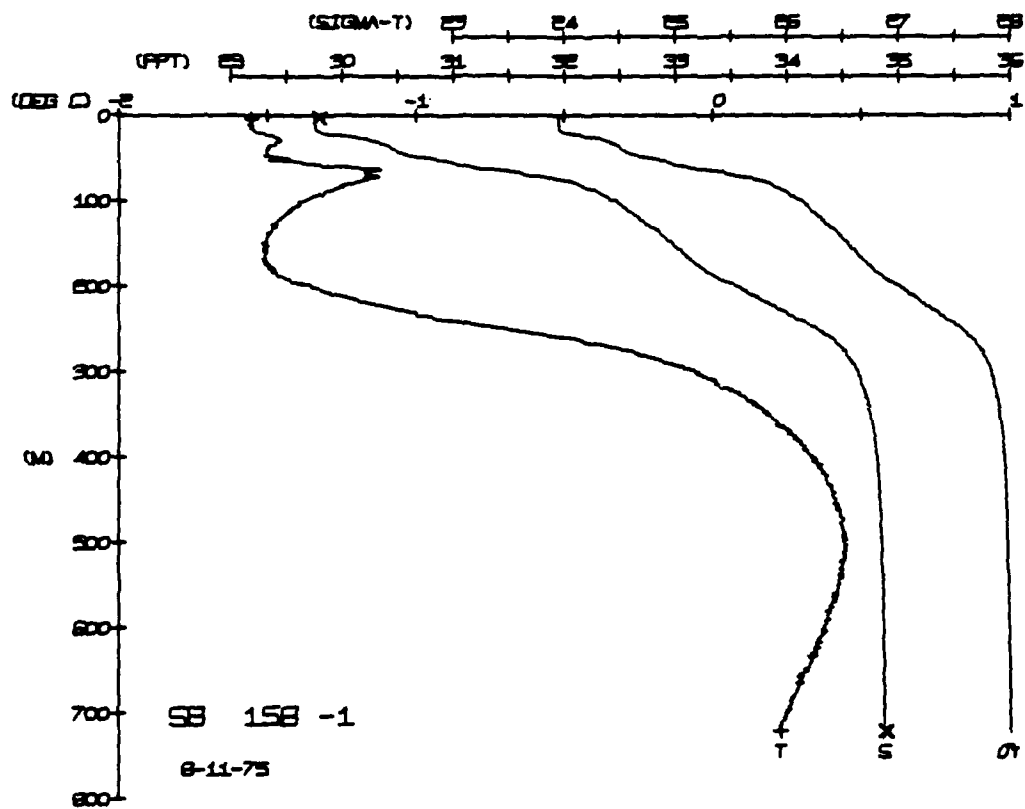
DEPTH	TEMP.	SALIN
3.3	-1.54	29.83
231.7	-1.07	33.91

SOUND	
DYNHT	
SPVOL	
BIG T	
SALIN	
PTEMP	
TEMP	
DEPTH	



STATION 160(1) CTD 12/AUG/1975 1800 GMT CORR = 1
 9879N LONG = 145.2057W ITER = 1 LGRR = 1
 BARUM = -3.2 BARUM = 1010.3 WIND = 217.4 SPEED = 67.5
 AIR TEMP =

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	0.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
0.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	0.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
1.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	1.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
1.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	1.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
2.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	2.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
2.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	2.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
3.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	3.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
3.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	3.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
4.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	4.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
4.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	4.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
5.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	5.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
5.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	5.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
6.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	6.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
6.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	6.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
7.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	7.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
7.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	7.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
8.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	8.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
8.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	8.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
9.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	9.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
9.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	9.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
10.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	10.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
10.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	10.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
11.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	11.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
11.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	11.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
12.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	12.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
12.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	12.5	55.5	1.1	77.7	96.6	6.5	0.0	1434.4
13.0	55.5	1.1	77.7	96.6	6.5	0.0	1434.4	13.0	55.5	1.1	77.7				

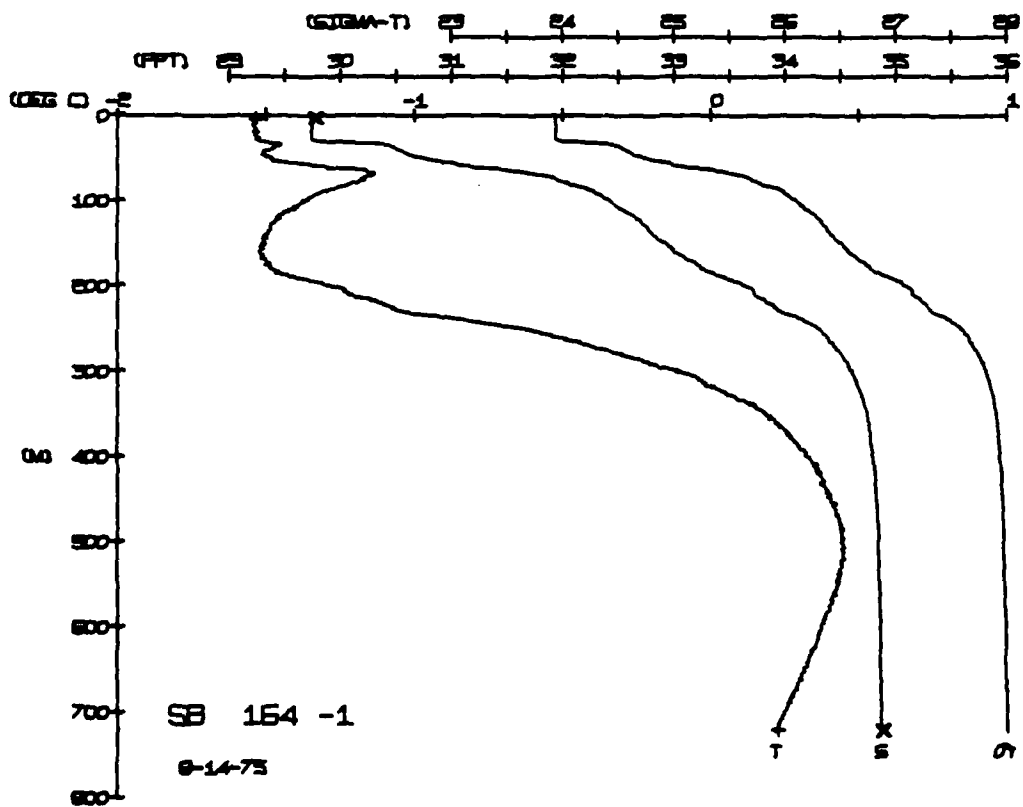
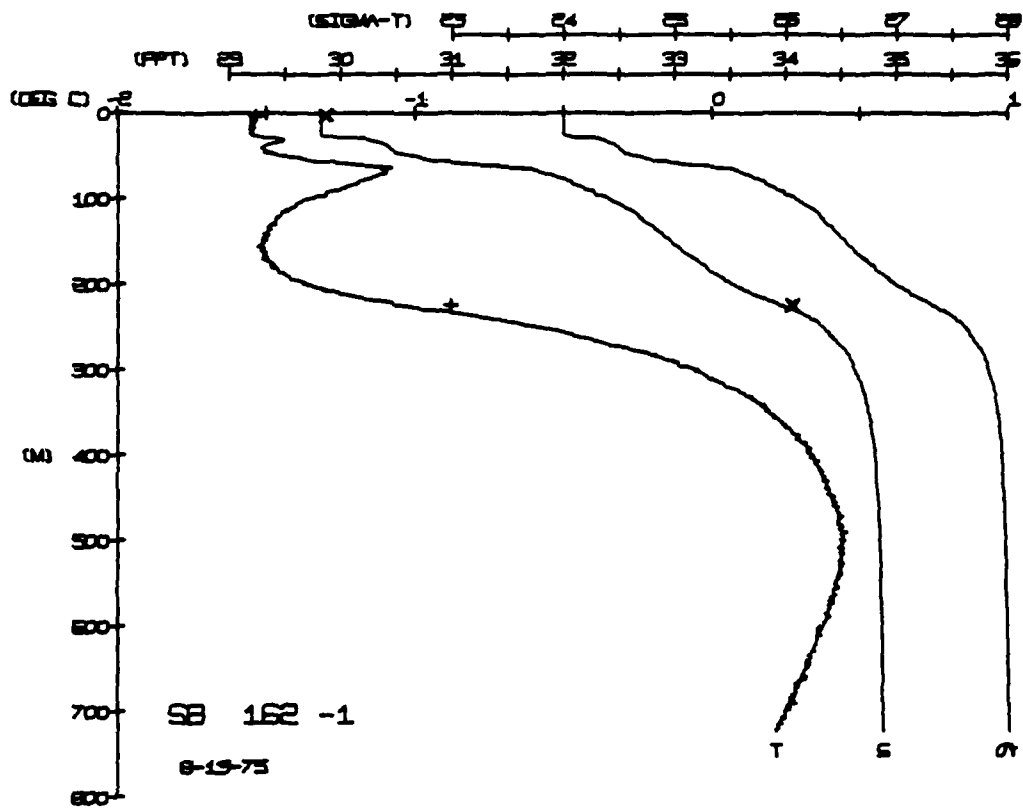



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[illegible]



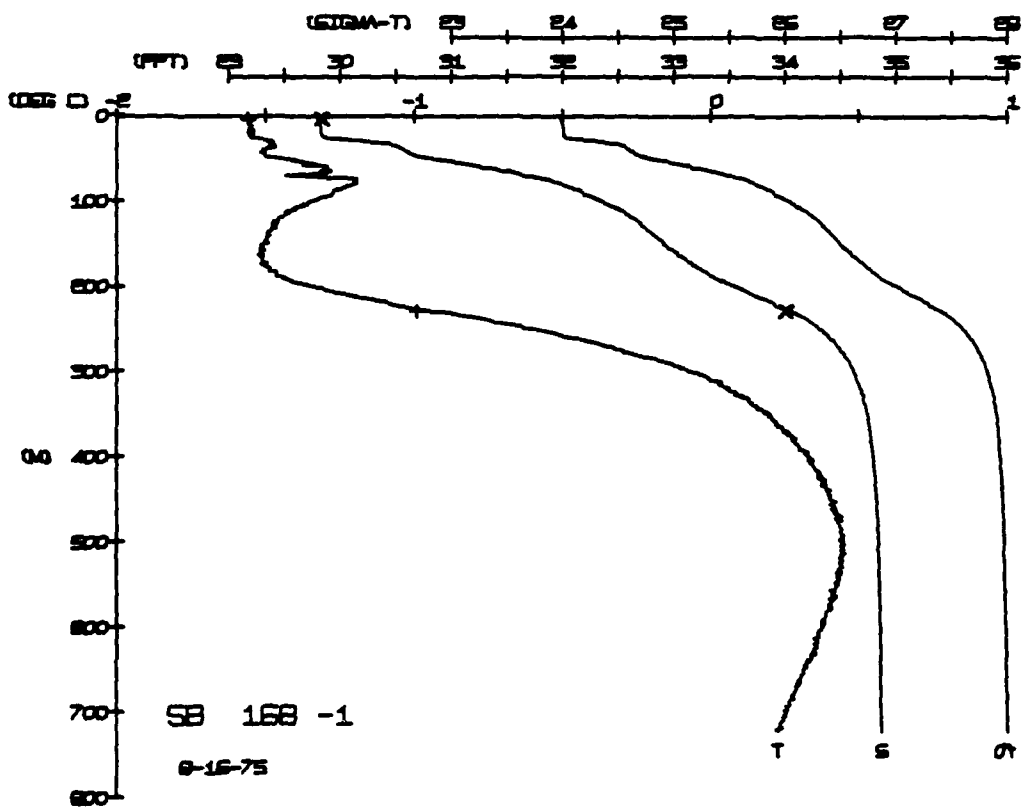
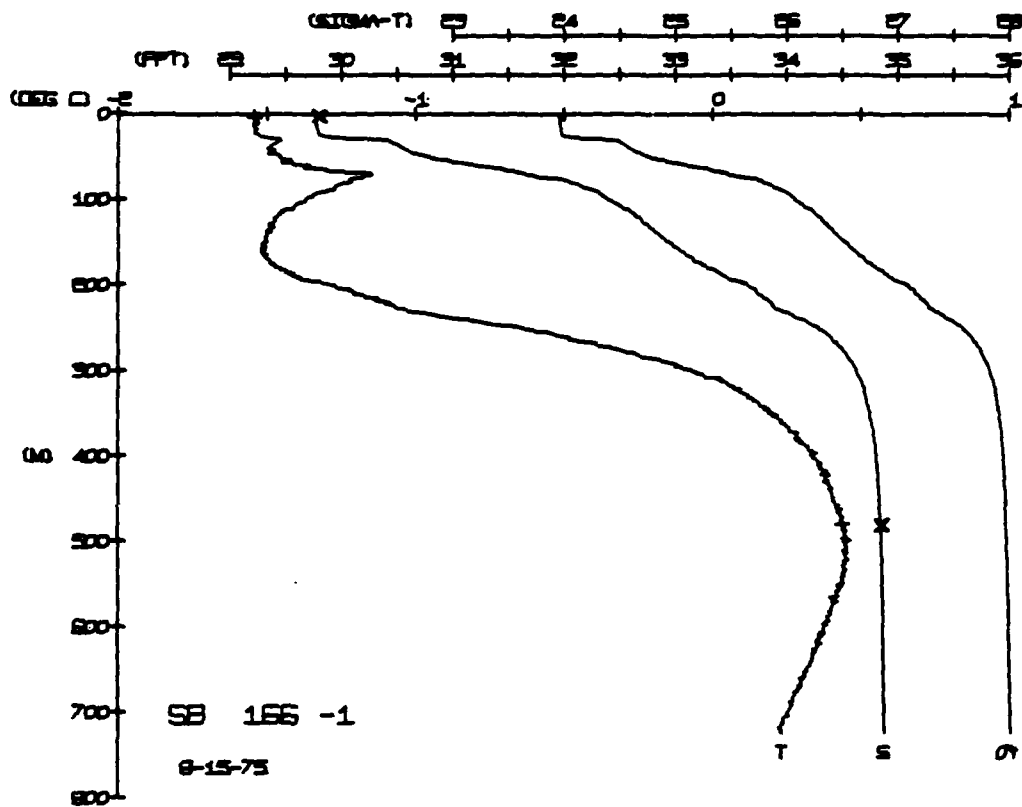
SNOWBIRD STATION 168(1) CTD 16/AUG/1975 1800 GMT CODE = 1
LAT = 75.0652N LNG = 14.0996W LTER = 1 LGEM = 1
AIR TEMP = -0.3 BAROM = 1012.4 WIND = 311.3 SPEED = 29.6

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.1	54.4	44.4	77.7	96.6	396.2	000	7.8899
0.5	54.5	44.5	77.7	96.6	396.5	000	7.8900
1.0	54.6	44.6	77.7	96.6	396.8	000	7.8901
1.5	54.7	44.7	77.7	96.6	397.1	000	7.8902
2.0	54.8	44.8	77.7	96.6	397.4	000	7.8903
2.5	54.9	44.9	77.7	96.6	397.7	000	7.8904
3.0	55.0	45.0	77.7	96.6	398.0	000	7.8905
3.5	55.1	45.1	77.7	96.6	398.3	000	7.8906
4.0	55.2	45.2	77.7	96.6	398.6	000	7.8907
4.5	55.3	45.3	77.7	96.6	398.9	000	7.8908
5.0	55.4	45.4	77.7	96.6	399.2	000	7.8909
5.5	55.5	45.5	77.7	96.6	399.5	000	7.8910
6.0	55.6	45.6	77.7	96.6	399.8	000	7.8911
6.5	55.7	45.7	77.7	96.6	400.1	000	7.8912
7.0	55.8	45.8	77.7	96.6	400.4	000	7.8913
7.5	55.9	45.9	77.7	96.6	400.7	000	7.8914
8.0	56.0	46.0	77.7	96.6	401.0	000	7.8915
8.5	56.1	46.1	77.7	96.6	401.3	000	7.8916
9.0	56.2	46.2	77.7	96.6	401.6	000	7.8917
9.5	56.3	46.3	77.7	96.6	401.9	000	7.8918
10.0	56.4	46.4	77.7	96.6	402.2	000	7.8919
10.5	56.5	46.5	77.7	96.6	402.5	000	7.8920
11.0	56.6	46.6	77.7	96.6	402.8	000	7.8921
11.5	56.7	46.7	77.7	96.6	403.1	000	7.8922
12.0	56.8	46.8	77.7	96.6	403.4	000	7.8923
12.5	56.9	46.9	77.7	96.6	403.7	000	7.8924
13.0	57.0	47.0	77.7	96.6	404.0	000	7.8925
13.5	57.1	47.1	77.7	96.6	404.3	000	7.8926
14.0	57.2	47.2	77.7	96.6	404.6	000	7.8927
14.5	57.3	47.3	77.7	96.6	404.9	000	7.8928
15.0	57.4	47.4	77.7	96.6	405.2	000	7.8929
15.5	57.5	47.5	77.7	96.6	405.5	000	7.8930
16.0	57.6	47.6	77.7	96.6	405.8	000	7.8931
16.5	57.7	47.7	77.7	96.6	406.1	000	7.8932
17.0	57.8	47.8	77.7	96.6	406.4	000	7.8933
17.5	57.9	47.9	77.7	96.6	406.7	000	7.8934
18.0	58.0	48.0	77.7	96.6	407.0	000	7.8935
18.5	58.1	48.1	77.7	96.6	407.3	000	7.8936
19.0	58.2	48.2	77.7	96.6	407.6	000	7.8937
19.5	58.3	48.3	77.7	96.6	407.9	000	7.8938
20.0	58.4	48.4	77.7	96.6	408.2	000	7.8939
20.5	58.5	48.5	77.7	96.6	408.5	000	7.8940
21.0	58.6	48.6	77.7	96.6	408.8	000	7.8941
21.5	58.7	48.7	77.7	96.6	409.1	000	7.8942
22.0	58.8	48.8	77.7	96.6	409.4	000	7.8943
22.5	58.9	48.9	77.7	96.6	409.7	000	7.8944
23.0	59.0	49.0	77.7	96.6	410.0	000	7.8945
23.5	59.1	49.1	77.7	96.6	410.3	000	7.8946
24.0	59.2	49.2	77.7	96.6	410.6	000	7.8947
24.5	59.3	49.3	77.7	96.6	410.9	000	7.8948
25.0	59.4	49.4	77.7				

34.86	0.44	3.0	12
29.80	-1.54	479.7	1

BUT NUM = 1
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TEMP.	SALIN
-1.56	39.83
-0.99	34.01



SNOWBIRD STATION 172(1) CTD 1R/AUG/1975 1915 GMT CODE = 1
LAT = 74.9970N LNG = 14.2028W LTER = 1 LGER = 2
TEMP = -3.5 BARUM = 1024.6 WIND = 37.2 SPEED = 21.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	19.50	19.50	35.16	0.0000	1.0000	0.0000	1.0000
1	19.48	19.48	35.16	0.0000	1.0000	0.0000	1.0000
2	19.46	19.46	35.16	0.0000	1.0000	0.0000	1.0000
3	19.44	19.44	35.16	0.0000	1.0000	0.0000	1.0000
4	19.42	19.42	35.16	0.0000	1.0000	0.0000	1.0000
5	19.40	19.40	35.16	0.0000	1.0000	0.0000	1.0000
6	19.38	19.38	35.16	0.0000	1.0000	0.0000	1.0000
7	19.36	19.36	35.16	0.0000	1.0000	0.0000	1.0000
8	19.34	19.34	35.16	0.0000	1.0000	0.0000	1.0000
9	19.32	19.32	35.16	0.0000	1.0000	0.0000	1.0000
10	19.30	19.30	35.16	0.0000	1.0000	0.0000	1.0000
11	19.28	19.28	35.16	0.0000	1.0000	0.0000	1.0000
12	19.26	19.26	35.16	0.0000	1.0000	0.0000	1.0000
13	19.24	19.24	35.16	0.0000	1.0000	0.0000	1.0000
14	19.22	19.22	35.16	0.0000	1.0000	0.0000	1.0000
15	19.20	19.20	35.16	0.0000	1.0000	0.0000	1.0000
16	19.18	19.18	35.16	0.0000	1.0000	0.0000	1.0000
17	19.16	19.16	35.16	0.0000	1.0000	0.0000	1.0000
18	19.14	19.14	35.16	0.0000	1.0000	0.0000	1.0000
19	19.12	19.12	35.16	0.0000	1.0000	0.0000	1.0000
20	19.10	19.10	35.16	0.0000	1.0000	0.0000	1.0000
21	19.08	19.08	35.16	0.0000	1.0000	0.0000	1.0000
22	19.06	19.06	35.16	0.0000	1.0000	0.0000	1.0000
23	19.04	19.04	35.16	0.0000	1.0000	0.0000	1.0000
24	19.02	19.02	35.16	0.0000	1.0000	0.0000	1.0000
25	19.00	19.00	35.16	0.0000	1.0000	0.0000	1.0000
26	18.98	18.98	35.16	0.0000	1.0000	0.0000	1.0000
27	18.96	18.96	35.16	0.0000	1.0000	0.0000	1.0000
28	18.94	18.94	35.16	0.0000	1.0000	0.0000	1.0000
29	18.92	18.92	35.16	0.0000	1.0000	0.0000	1.0000
30	18.90	18.90	35.16	0.0000	1.0000	0.0000	1.0000
31	18.88	18.88	35.16	0.0000	1.0000	0.0000	1.0000
32	18.86	18.86	35.16	0.0000	1.0000	0.0000	1.0000
33	18.84	18.84	35.16	0.0000	1.0000	0.0000	1.0000
34	18.82	18.82	35.16	0.0000	1.0000	0.0000	1.0000
35	18.80	18.80	35.16	0.0000	1.0000	0.0000	1.0000
36	18.78	18.78	35.16	0.0000	1.0000	0.0000	1.0000
37	18.76	18.76	35.16	0.0000	1.0000	0.0000	1.0000
38	18.74	18.74	35.16	0.0000	1.0000	0.0000	1.0000
39	18.72	18.72	35.16	0.0000	1.0000	0.0000	1.0000
40	18.70	18.70	35.16	0.0000	1.0000	0.0000	1.0000
41	18.68	18.68	35.16	0.0000	1.0000	0.0000	1.0000
42	18.66	18.66	35.16	0.0000	1.0000	0.0000	1.0000
43	18.64	18.64	35.16	0.0000	1.0000	0.0000	1.0000
44	18.62	18.62	35.16	0.0000	1.0000	0.0000	1.0000
45	18.60	18.60	35.16	0.0000	1.0000	0.0000	1.0000
46	18.58	18.58					

12
==
MUN
MUN
LOR
LOR

DEPTH
2.8
725.6

TEMP.
-1.52
0.22

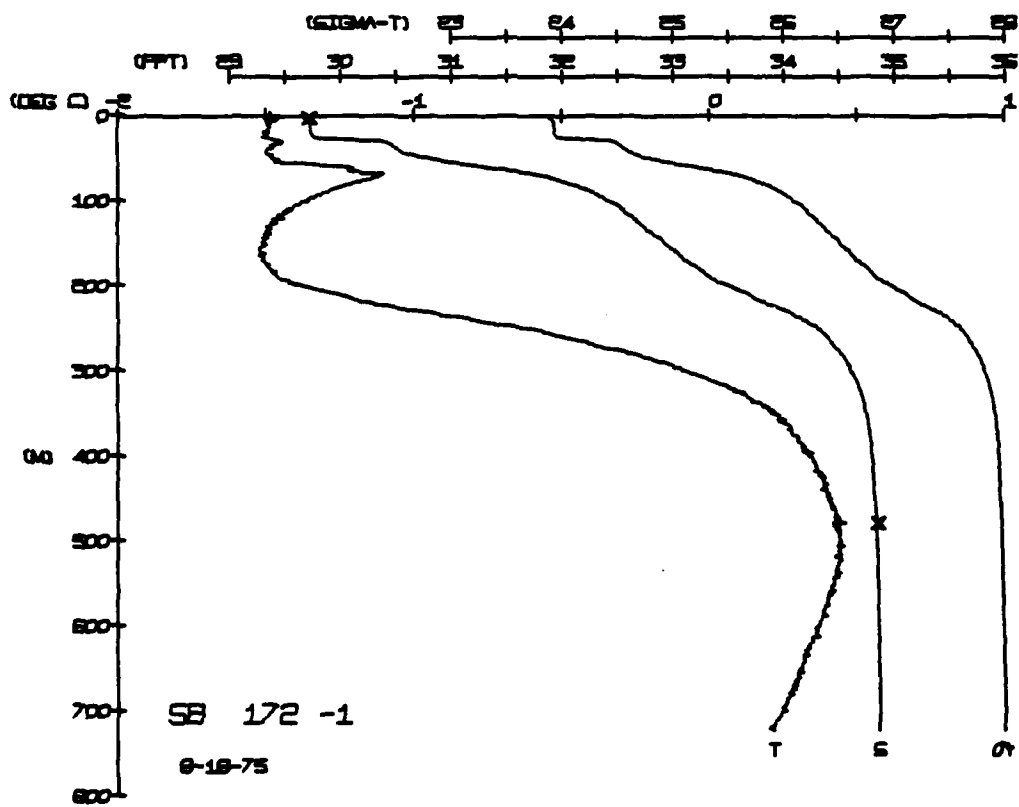
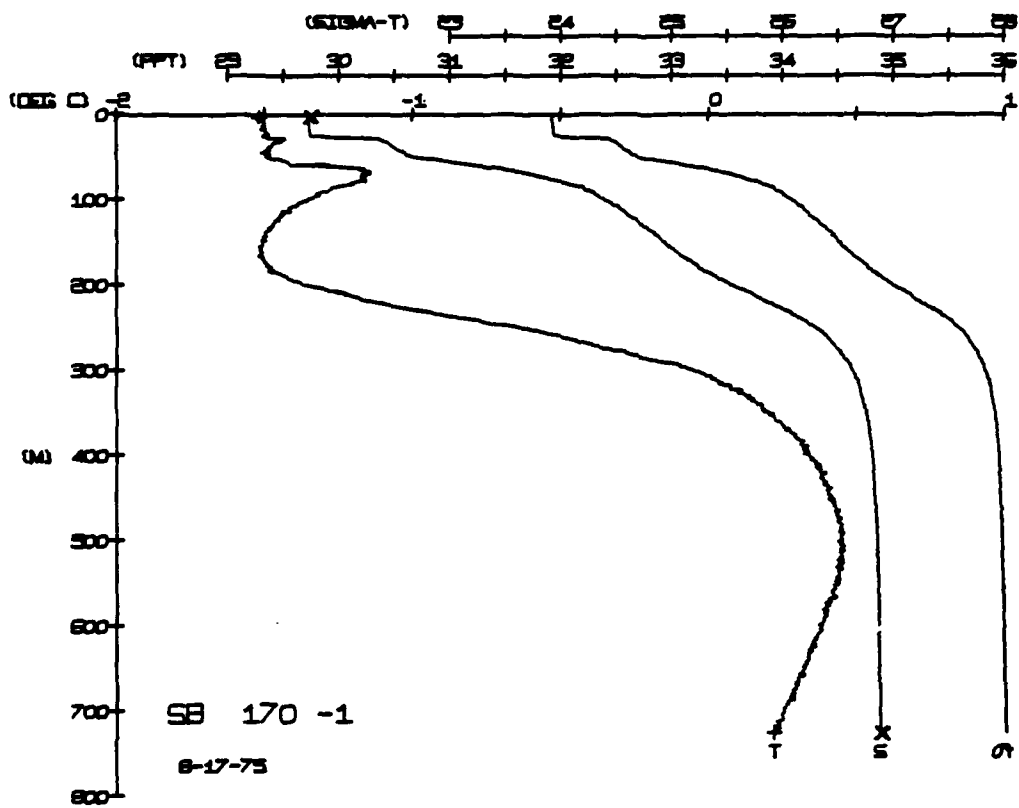
SALIN
29.75
34.90

ACT	NUM	==	12
ACT	NUM	==	

DEPT. 3.0
479.5

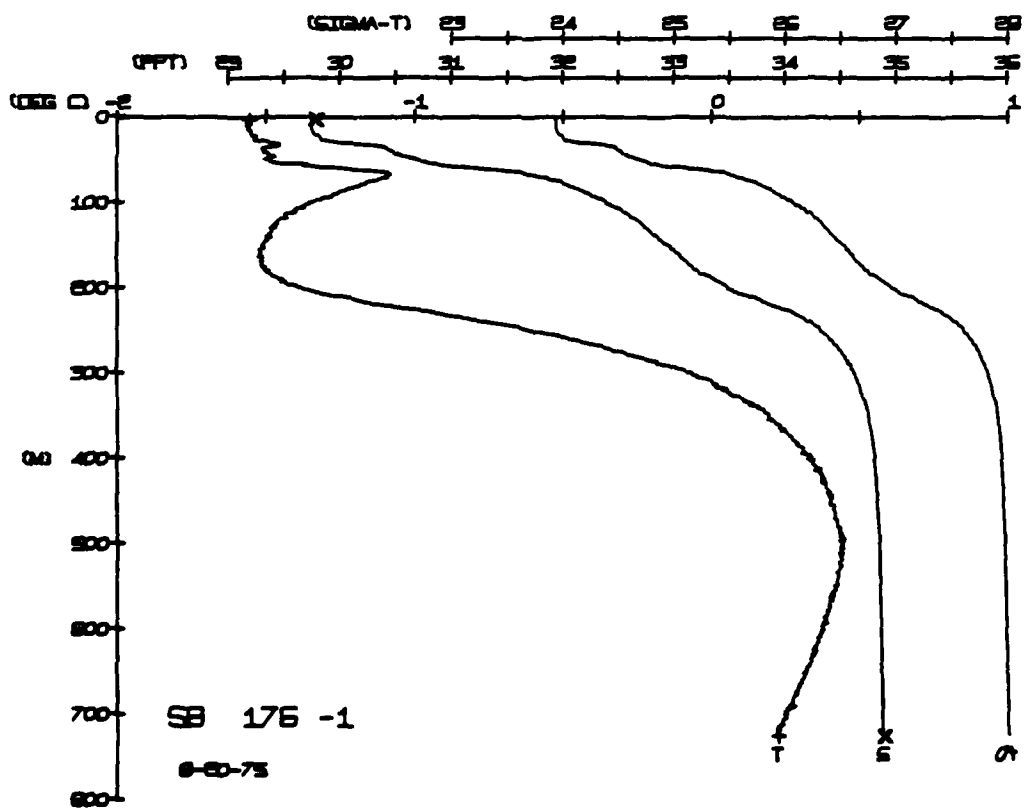
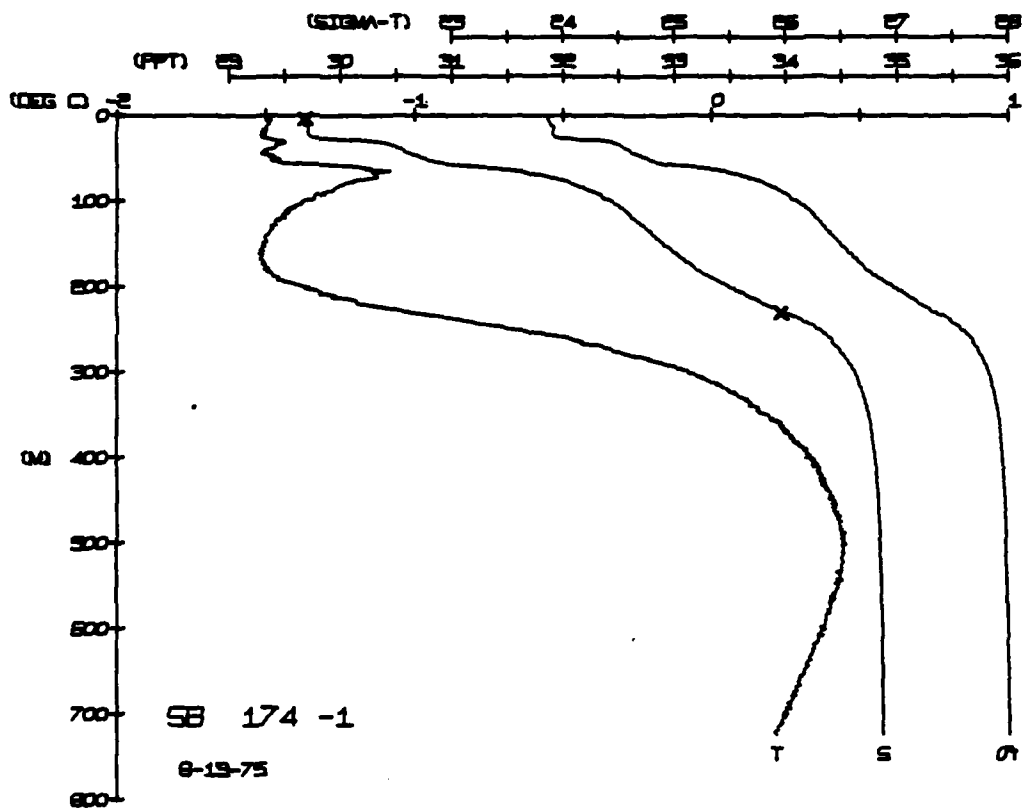
TFMP.
-1:49
0:44

SALIN
29-72
34-86



SNOWBIRD STATION 176(1) CTD 20/AUG/1975 1800 GMT CODE = 1
LAT = 75.0503N LNG = 144.7630W LTER = 0 LGPM = 0
AIR TEMP = -1.6 BARUM = 1013.2 WIND = 50.0 SPEED = 53.0

[illegible][illegible]

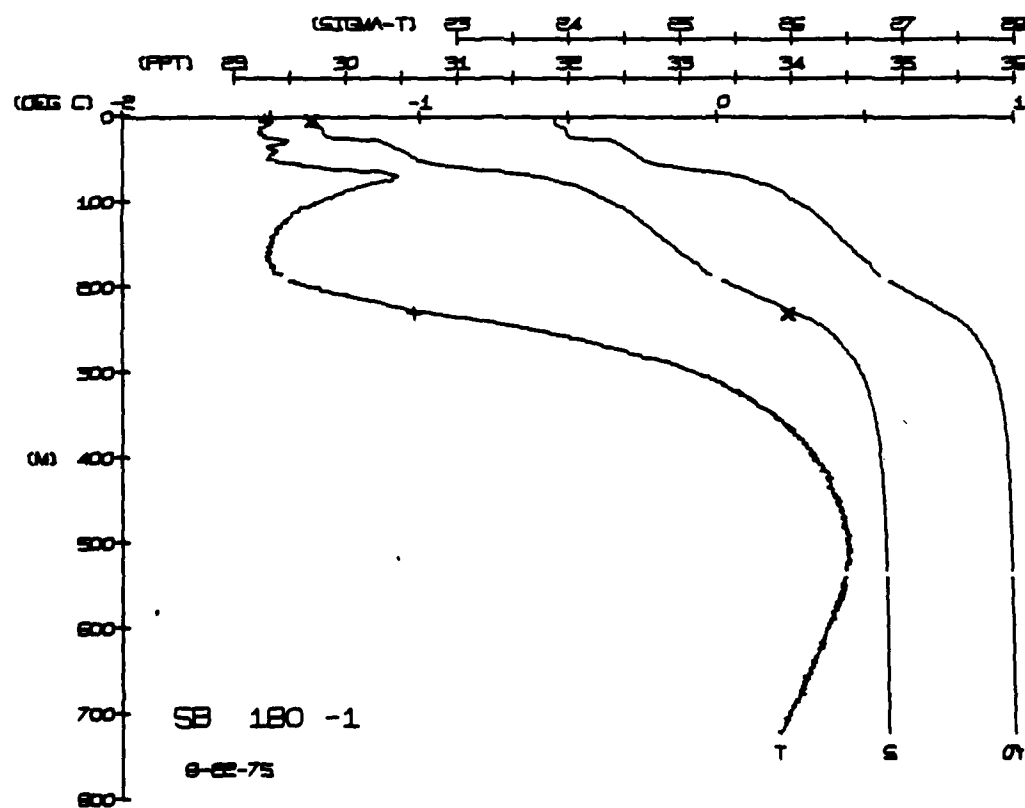
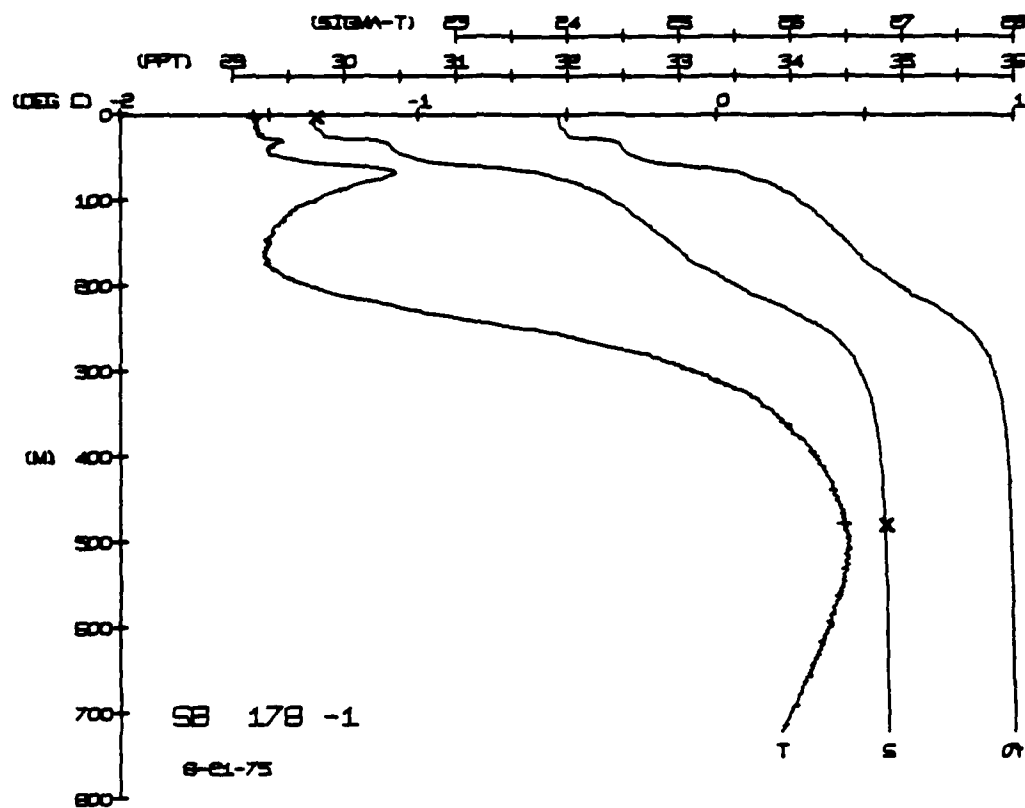


SNOWBIRD STATION 178(1) CTU 21/AUG/1975 1800 GMT CODE = 1
LAT = 75.0558N LNG = 144.9344W LTER = 1 LGEN = 0
AIR TEMP = -1.6 BAROM = 1013.4 WIND = 58.0 SPEED = 53.0

SNOWBIRD STATION 180(1) CTD 22/AUG/1975 1800 GMT CUDE = 1
LAT = 75.0273N LNG = 144.0519W LTEX = 1 LGTH = 1
AIR TEMP = 0.1 BARUM = 1014.7 WIND = 281.7 SPEED = 37.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	ROT NUM	ROT NUM	DEPTH	TEMP.	SALIN	ROT NUM	ROT NUM
0.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	0.0	-1.55	29.75	1	1
0.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	0.5	-1.55	29.75	1	1
1.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	1.0	-1.55	29.75	1	1
1.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	1.5	-1.55	29.75	1	1
2.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	2.0	-1.55	29.75	1	1
2.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	2.5	-1.55	29.75	1	1
3.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	3.0	-1.55	29.75	1	1
3.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	3.5	-1.55	29.75	1	1
4.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	4.0	-1.55	29.75	1	1
4.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	4.5	-1.55	29.75	1	1
5.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	5.0	-1.55	29.75	1	1
5.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	5.5	-1.55	29.75	1	1
6.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	6.0	-1.55	29.75	1	1
6.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	6.5	-1.55	29.75	1	1
7.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	7.0	-1.55	29.75	1	1
7.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	7.5	-1.55	29.75	1	1
8.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	8.0	-1.55	29.75	1	1
8.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	8.5	-1.55	29.75	1	1
9.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	9.0	-1.55	29.75	1	1
9.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	9.5	-1.55	29.75	1	1
10.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	10.0	-1.55	29.75	1	1
10.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	10.5	-1.55	29.75	1	1
11.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	11.0	-1.55	29.75	1	1
11.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	11.5	-1.55	29.75	1	1
12.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	12.0	-1.55	29.75	1	1
12.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	12.5	-1.55	29.75	1	1
13.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	13.0	-1.55	29.75	1	1
13.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	13.5	-1.55	29.75	1	1
14.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	14.0	-1.55	29.75	1	1
14.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	14.5	-1.55	29.75	1	1
15.0	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1	1	15.0	-1.55	29.75	1	1
15.5	55.5	55.5	72.2	92.2	5.4	0.0	0.0	1						

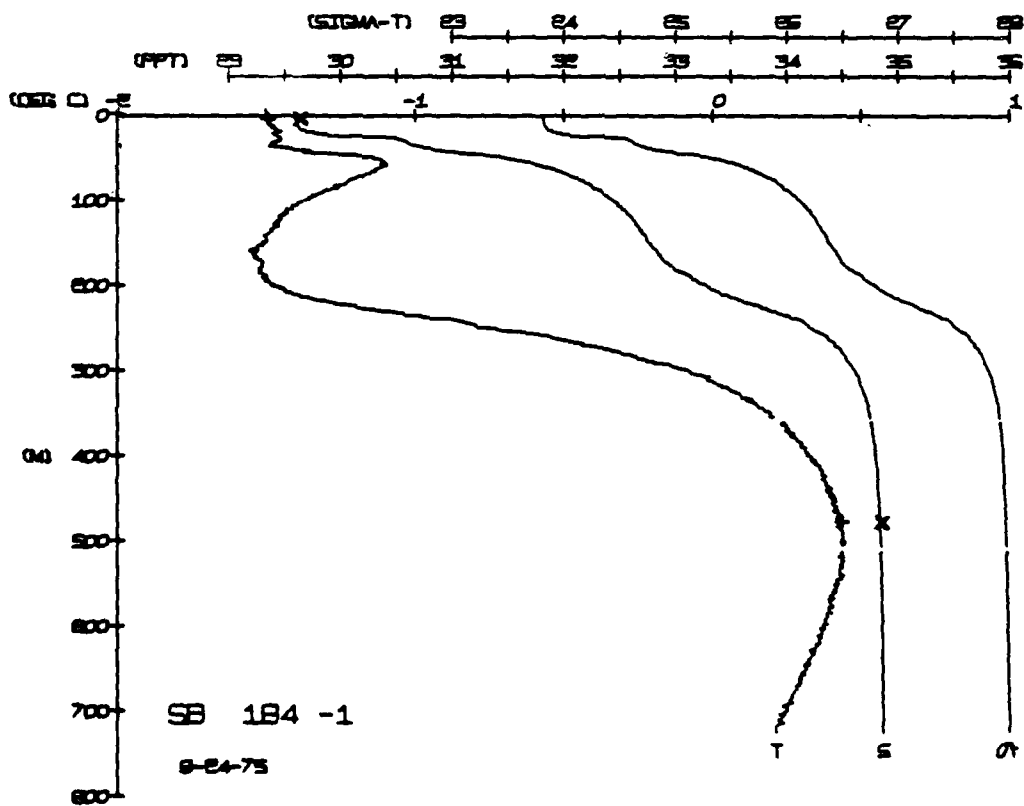
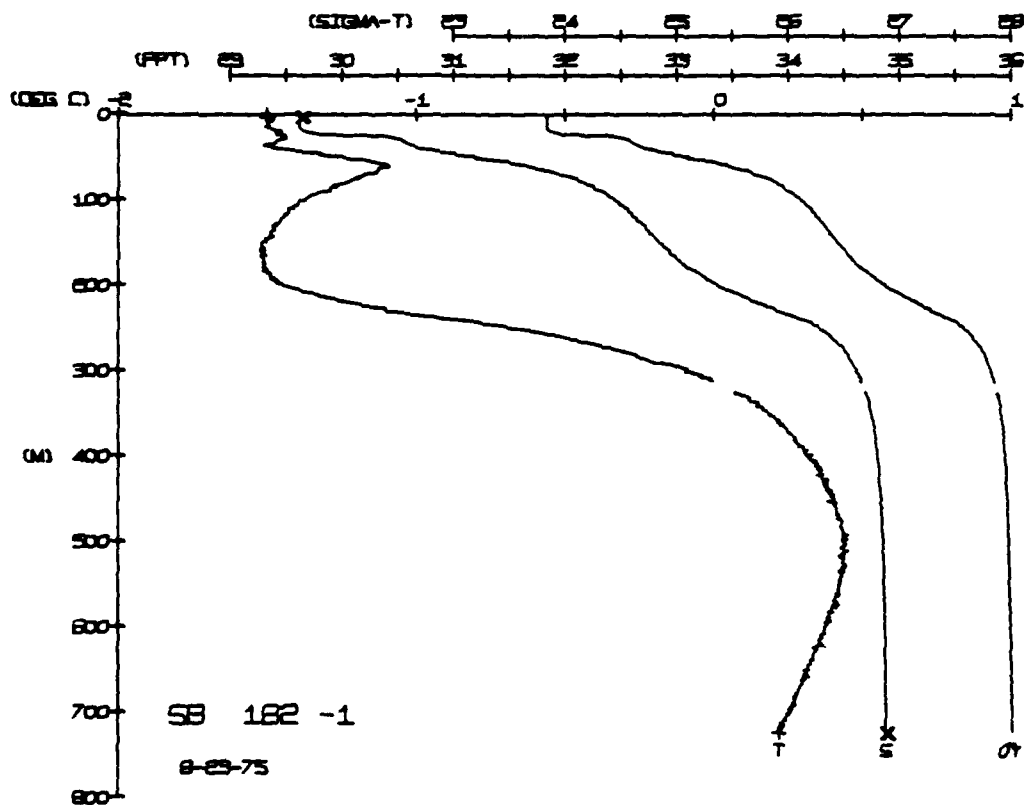
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYHHT	SALIN	TEMP.	BOT NUM	HOT NUM
0	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
1	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
2	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
3	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
4	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
5	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
6	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
7	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
8	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
9	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
10	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
11	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
12	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
13	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
14	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
15	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
16	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
17	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
18	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
19	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
20	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
21	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
22	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
23	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
24	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
25	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
26	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
27	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
28	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
29	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
30	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
31	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
32	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
33	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
34	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
35	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
36	52.22	52.22	29.99	7.87	0	0	29.99	-1.52	1	2
37	52.22	52.22	29.9							



SNOWBIRD STATION 184(1) CTD 24/AUG/1975 1800 GMT CODE = 3
LAT = 74.9510N LNG = 144.5605W ITER = 2 LGEN = 3
AIR TEMP = -0.8 BAROM = 1014.9 WIND = 206.9 SPFED = 63.3

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
00	99	99	99	99	99	00	11
01	99	99	99	99	99	00	11
02	99	99	99	99	99	00	11
03	99	99	99	99	99	00	11
04	99	99	99	99	99	00	11
05	99	99	99	99	99	00	11
06	99	99	99	99	99	00	11
07	99	99	99	99	99	00	11
08	99	99	99	99	99	00	11
09	99	99	99	99	99	00	11
10	99	99	99	99	99	00	11
11	99	99	99	99	99	00	11
12	99	99	99	99	99	00	11
13	99	99	99	99	99	00	11
14	99	99	99	99	99	00	11
15	99	99	99	99	99	00	11
16	99	99	99	99	99	00	11
17	99	99	99	99	99	00	11
18	99	99	99	99	99	00	11
19	99	99	99	99	99	00	11
20	99	99	99	99	99	00	11
21	99	99	99	99	99	00	11
22	99	99	99	99	99	00	11
23	99	99	99	99	99	00	11
24	99	99	99	99	99	00	11
25	99	99	99	99	99	00	11
26	99	99	99	99	99	00	11
27	99	99	99	99	99	00	11
28	99	99	99	99	99	00	11
29	99	99	99	99	99	00	11
30	99	99	99	99	99	00	11
31	99	99	99	99	99	00	11
32	99	99	99	99	99	00	11
33	99	99	99	99	99	00	11
34	99	99	99	99	99	00	11
35	99	99	99	99	99	00	11
36	99	99	99	99	99	00	11
37	99	99	99	99	99	00	11
38	99	99	99	99	99	00	11
39	99	99	99	99	99	00	11
40	99	99	99	99	99	00	11
41	99	99	99	99	99	00	11
42	99	99	99	99	99	00	11
43	99	99	99	99	99	00	11
44	99	99	99	99	99	00	11
45	99	99	99	99	99	00	11
46	99	99	99	99	99	00	11
47	99	99	99	99	99	00	11
48	99	99	99	99	99	00	11
49	99	99	99	99	99	00	11
50	99	99	99	99	99	00	11
51	99	99	99	99	99	00	11
52	99	99	99	99	99	00	11
53	99	99	99	99	99	00	11
54	99	99	99	99	99	00	11
55	99	99	99	99	99	00	11
56	99	99	99	99	99	00	11
57	99	99	99	99	99	00	11
58	99	99	99	99	99	00	11
59	99	99	99	99	99	00	11
60	99	99	99	99	99	00	11
61	99	99	99	99	99	00	11
62	99	99	99	99	99	00	11
63	99	99	99	99	99	00	11
64	99	99	99	99	99	00	

[illegible]



SNOWBIRD STATION 186(1) CTD 25/AUG/1975 1800 GMT CUBE = 3
LAT = 74.9574N LNG = 154.1612W USER = 1.1
AIR TEMP = -0.8 BAROM = 1005.5 WIND = 206.9 SPEED = 63.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	50	50	29.9	33	404	000	7.8
10	50	50	29.9	33	404	000	8.8
20	50	50	29.9	33	404	000	9.8
30	50	50	29.9	33	404	000	10.8
40	50	50	29.9	33	404	000	11.8
50	50	50	29.9	33	404	000	12.8
60	50	50	29.9	33	404	000	13.8
70	50	50	29.9	33	404	000	14.8
80	50	50	29.9	33	404	000	15.8
90	50	50	29.9	33	404	000	16.8
100	50	50	29.9	33	404	000	17.8
110	50	50	29.9	33	404	000	18.8
120	50	50	29.9	33	404	000	19.8
130	50	50	29.9	33	404	000	20.8
140	50	50	29.9	33	404	000	21.8
150	50	50	29.9	33	404	000	22.8
160	50	50	29.9	33	404	000	23.8
170	50	50	29.9	33	404	000	24.8
180	50	50	29.9	33	404	000	25.8
190	50	50	29.9	33	404	000	26.8
200	50	50	29.9	33	404	000	27.8
210	50	50	29.9	33	404	000	28.8
220	50	50	29.9	33	404	000	29.8
230	50	50	29.9	33	404	000	30.8
240	50	50	29.9	33	404	000	31.8
250	50	50	29.9	33	404	000	32.8
260	50	50	29.9	33	404	000	33.8
270	50	50	29.9	33	404	000	34.8
280	50	50	29.9	33	404	000	35.8
290	50	50	29.9	33	404	000	36.8
300	50	50	29.9	33	404	000	37.8
310	50	50	29.9	33	404	000	38.8
320	50	50	29.9	33	404	000	39.8
330	50	50	29.9	33	404	000	40.8
340	50	50	29.9	33	404	000	41.8
350	50	50	29.9	33	404	000	42.8
360	50	50	29.9	33	404	000	43.8
370	50	50	29.9	33	404	000	44.8
380	50	50	29.9	33	404	000	45.8
390	50	50	29.9	33	404	000	46.8
400	50	50	29.9	33	404	000	47.8
410	50	50	29.9	33	404	000	48.8
420	50	50	29.9	33	404	000	49.8
430	50	50	29.9	33	404	000	50.8
440	50	50	29.9	33	404	000	51.8
450	50	50	29.9	33	404	000	52.8
460	50	50	29.9	33	404	000	53.8
470	50	50	29.9	33	404	000	54.8
480	50	50	29.9	33	404	000	55.8
490	50	50	29.9	33	404	000	56.8
500	50	50	29.9	33	404	000	57.8
510	50	50	29.9	33	404	000	58.8
520	50	50	29.9	33	404	000	59.8
530	50	50	29.9	33	404	000	60.8
540	50	50	29.9	33	404	000	61.8
550	50	50	29.9	33	404	000	62.8
560	50	50	29.9	33	404	000	63.8
570	50	50	29.9	33	404	000	64.8
580	50	50	29.9	33	404	000	65.8
590	50	50	29.9	33	404	000	66.8
600	50	50	29.9	33	404	000	67.8
610	50	50	29.9	33	404	000	68.8
620	50	50	29.9	33	404	000	69.8
630	50	50	29.9	33	404	000	70.8
640	50	50	29.9	33	404	000	71.8
650	50	50	29.9	33	404	000	72.8
660	50	50	29.9	33	404	000	73.8
670	50	50	29.9	33	404	000	74.8
680	50	50	29.9	33	404	000	75.8
690	50	50	29.9	33	404	000	76.8
700	50	50	29.9	33	404	000	77.8
710	50	50	29.9	33	404	000	78.8
720	50	50	29.9	33	404	000	79.8
730	50	50	29.9	33	404	000	80.8
740	50	50	29.9	33	404	000	81.8
750	50	50	29.9	33	404	000	82.8
760	50	50	29.9	33	404	000	83.8
770	50	50	29.9	33	404	000	84.8
780	50	50	29.9	33	404	000	85.8
790	50	50	29.9	33	404	000	86.8
800	50	50	29.9	33	404	000	87.8
810	50	50	29.9	33	404	000	88.8
820	50	50	29.9	33	404	000	89.8
830	50	50	29.9	33	404	000	90.8
840	50	50	29.9	33	404	000	91.8
850	50	50	29.9	33	404	000	92.8
860	50	50	29.9	33	404	000	93.8
870	50	50	29.9	33	404	000	94.8
880	50	50	29.9	33	404	000	95.8
890	50	50	29.9	33	404	000	96.8
900	50	50	29.9	33	404	000	97.8
910	50	50	29.9	33	404	000	98.8
920	50	50	29.9	33	404	000	99.8
930	50	50	29.9	33	404	000	100.8
940	50	50	29.9	33	404	000	101.8
950	50	50	29.9	33	404	000	102.8
960	50	50	29.9	33	404	000	103.8
970	50	50	29.9	33	404	000	104.8
980	50	50	29.9	33	404	000	105.8
990	50	50	29.9	33	404	000	106.8
1000	50	50	29.9	33	404	000	107.8

BOT NUM = 1
HOT NUM = 2

DEPTH 3.3
229.4

TEMP. -1.51
-1.03

SALIN 29.70
33.94

SPVUL 404
404

DYNHT 000
000

SOUND 7.8
8.8

TEMP. -1.53
-0.23

DEPTH 722.2

SALIN 29.71
34.90

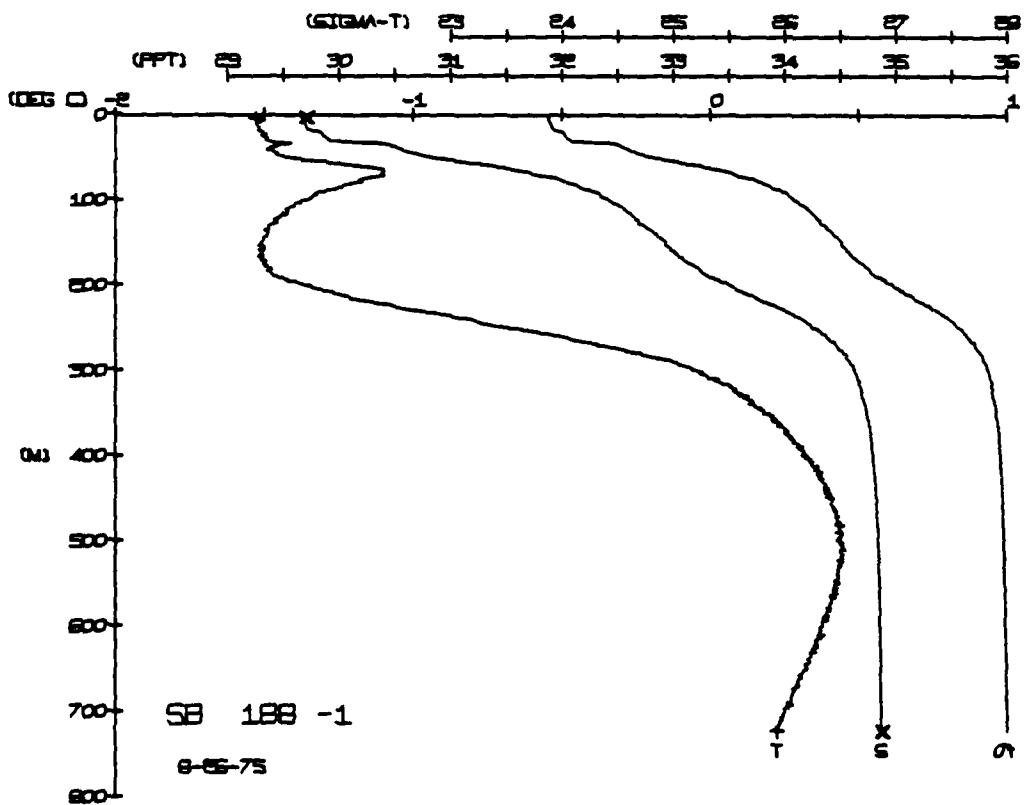
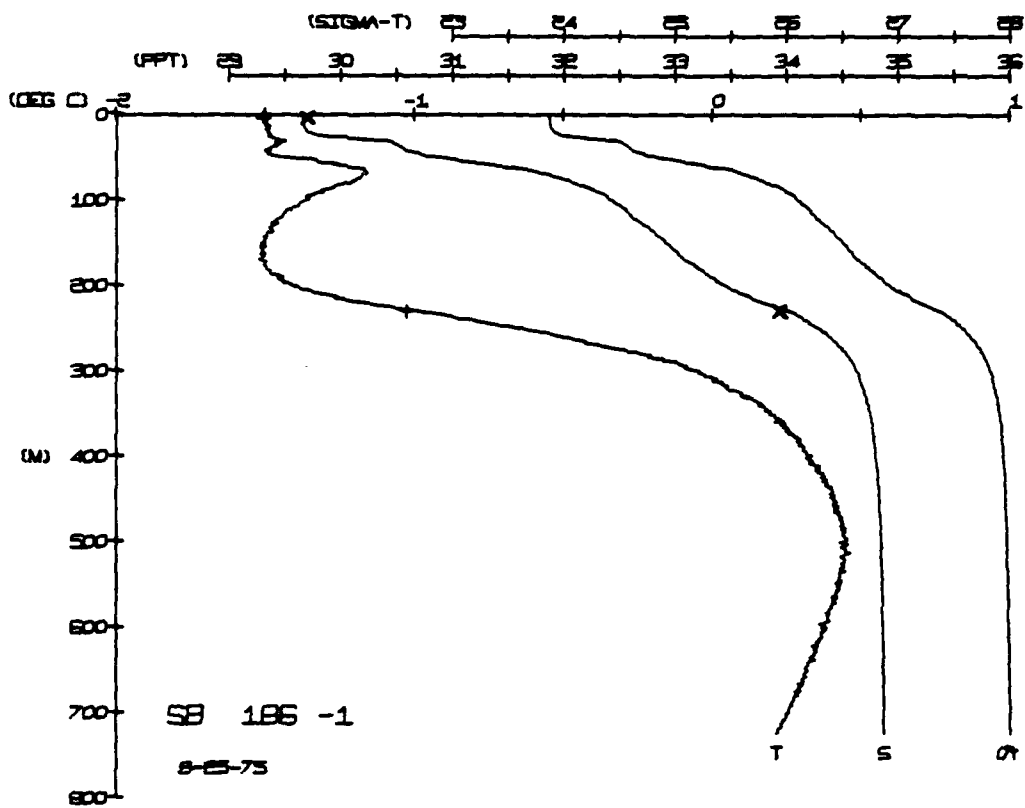
SPVUL 8.8
8.8

DYNHT 000
000

SOUND 1434
1434

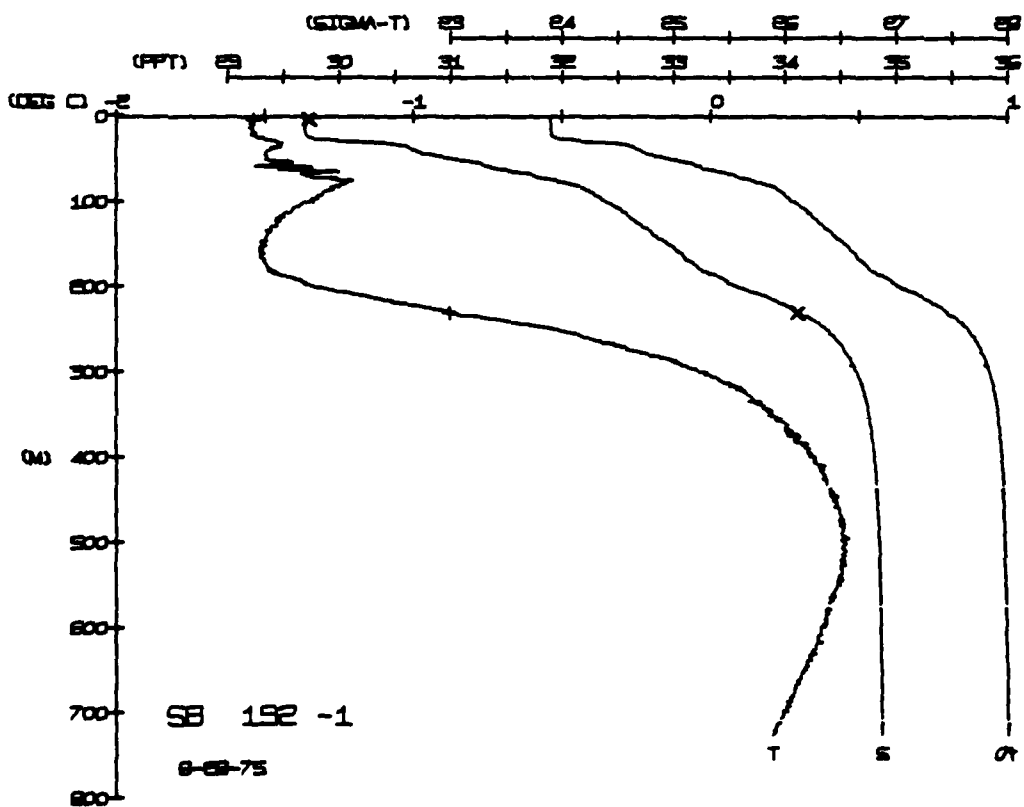
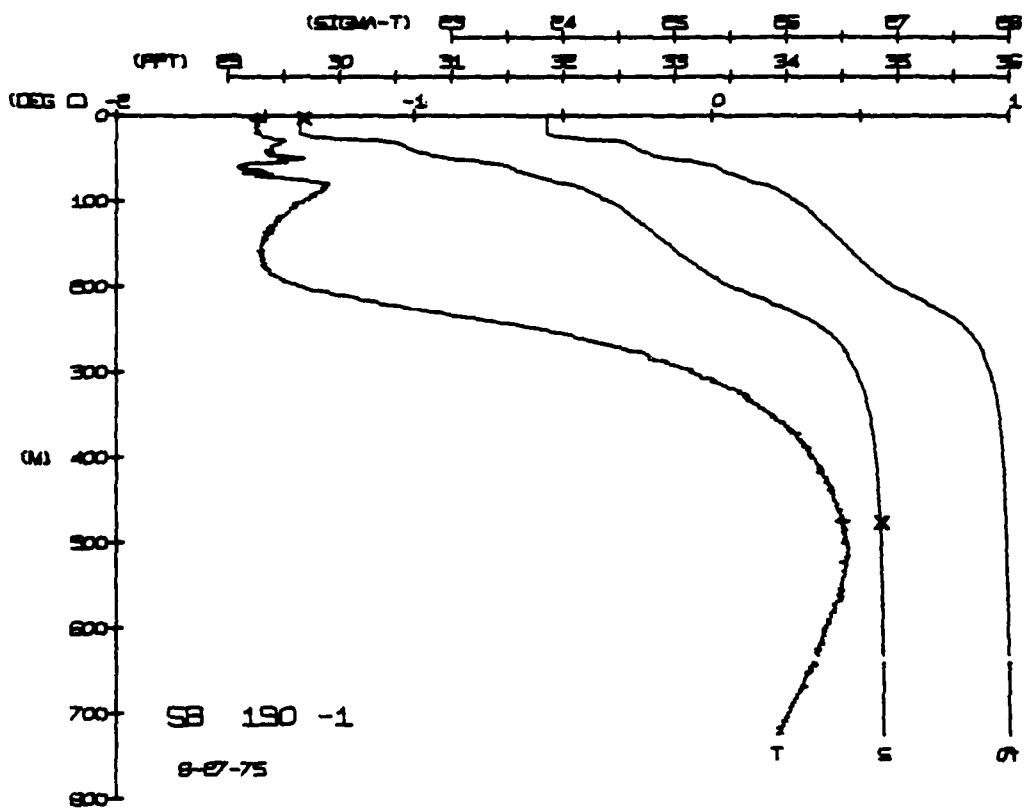
SNOWBIRD STATION 186(1) CTD 26/AUG/1975 1800 GMT CUBE = 1
LAT = 75.0330N LNG = 154.0524W USER = 1.1
AIR TEMP = 1.1 BAROM = 974.7 WIND = 145.6 SPEED = 61.0

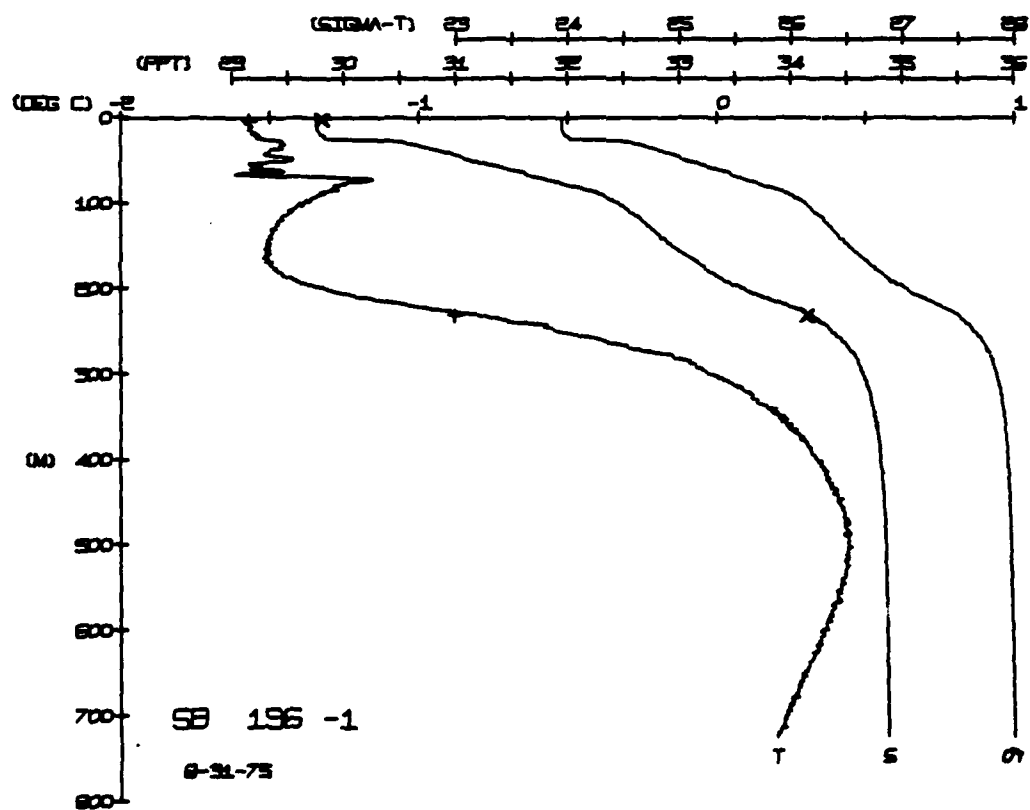
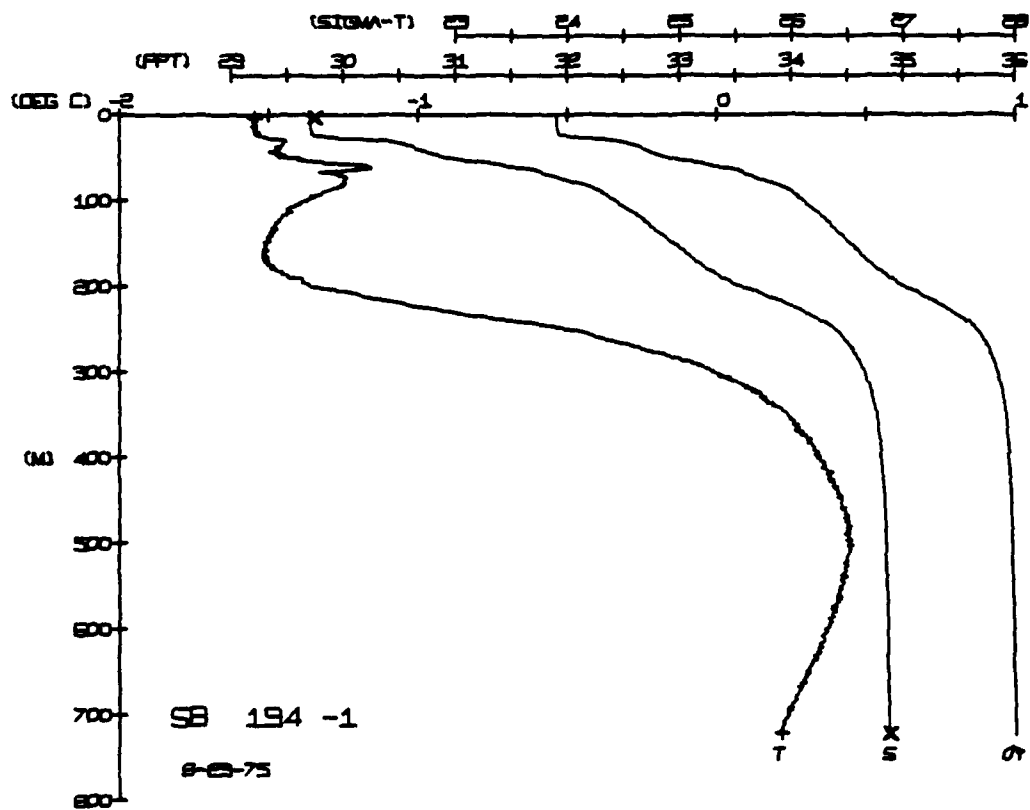
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	51	51	29.9	33	403	000	14.3
10	51	51	29.9	33	403	000	15.3
20	51	51	29.9	33	403	000	16.3
30	51	51	29.9	33	403	000	17.3
40	51	51	29.9	33	403	000	18.3
50	51	51	29.9	33	403	000	19.3
60	51	51	29.9	33	403	000	20.3
70	51	51	29.9	33	403	000	21.3
80	51	51	29.9	33	403	000	22.3
90	51	51	29.9	33	403	000	23.3
100	51	51	29.9	33	403	000	24.3
110	51	51	29.9	33	403	000	25.3
120	51	51	29.9	33	403	000	26.3
130	51	51	29.9	33	403	000	27.3
140	51	51	29.9	33	403	000	28.3
150	51	51	29.9	33	403	000	29.3
160	51	51	29.9	33	403	000	30.3
170	51	51	29.9	33	403	000	31.3
180	51	51	29.9	33	403	000	32.3
190	51	51	29.9	33	403	000	33.3
200	51	51	29.9	33	403	000	34.3
210	51	51	29.9	33	403	000	35.3
220	51	51	29.9	33	403	000	36.3
230	51	51	29.9	33	403	000	37.3
240	51	51	29.9	33	403	000	38.3
250	51	51	29.9	33	403	000	39.3
260	51	51	29.9	33	403	000	40.3
270	51	51	29.9	33	403	000	41.3
280	51	51	29.9	33	403	000	42.3
290	51	51	29.9	33	403	000	43.3
300	51	51	29.9	33	403	000	44.3
310	51	51	29.9	33	403	000	45.3
320	51	51	29.9	33	403	000	46.3
330	51	51	29.9	33	403	000	47.3
340	51	51	29.9	33	403	000	48.3
350	51	51	29.9	33	403	000	49.3
360	51	51	29.9	33	403	000	50.3
370	51	51	29.9	33	403	000	51.3
380	51	51	29.9	33	403	000	52.3
390	51	51	29.9	33	403	000	53.3
400	51	51	29.9	33	403	000	54.3
410	51	51	29.9	33	403	000	55.3
420	51	51	29.9	33	403	000	56.3
430	51	51	29.9	33	403	000	57.3
440	51	51	29.9	33	403	000	58.3
450	51	51	29.9	33	403	000	59.3
460	51	51	29.9	33	403	000	60.3
470	51	51	29.9	33	403	000	61.3
480	51	51	29.9	33	403	000	62.3
490	51	51	29.9	33	403	000	63.3
500	51	51	29.9	33	403	000	64.3
510	51	51	29.9	33	403	000	65.3
520	51	51	29.9	33	403	000	66.3
530	51	51	29.9	33	403	000	67.3
540	51	51	29.9	33	403	000	68.3
550	51	51	29.9	33	403	000	69.3
560	51	51	29.9	33	403	000	70.3
570	51	51	29.9	33	403	000	71.3
580	51	51	29.9	33	403	000	72.3
590	51	51	29.9	33	403	000	73.3
600	51	51	29.9	33	403	000	74.3
610	51	51	29.9	33	403	000	75.3
620	51	51	29.9	33	403	000	76.3
630	51	51	29.9	33	403	000	77.3
640	51	51	29.9	33	403	000	78.3
650	51	51	29.9	33	403	000	79.3
660	51	51	29.9	33	403	000	80.3
670	51	51	29.9	33	403	000	81.3
680	51	51	29.9	33			

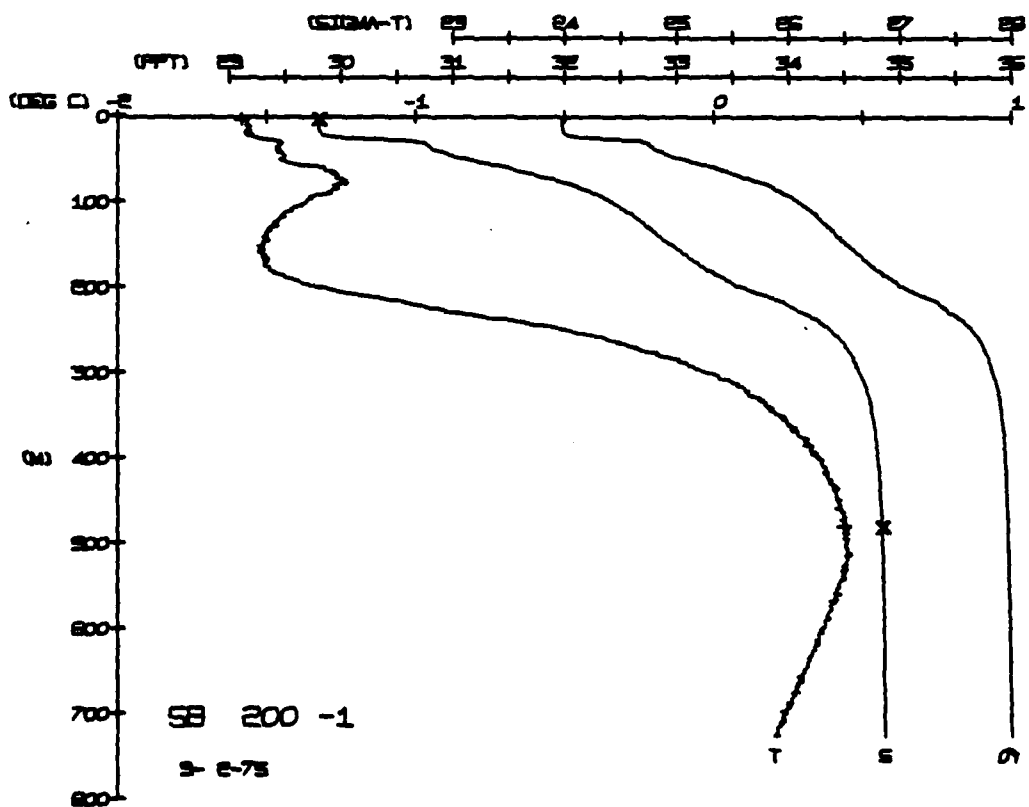
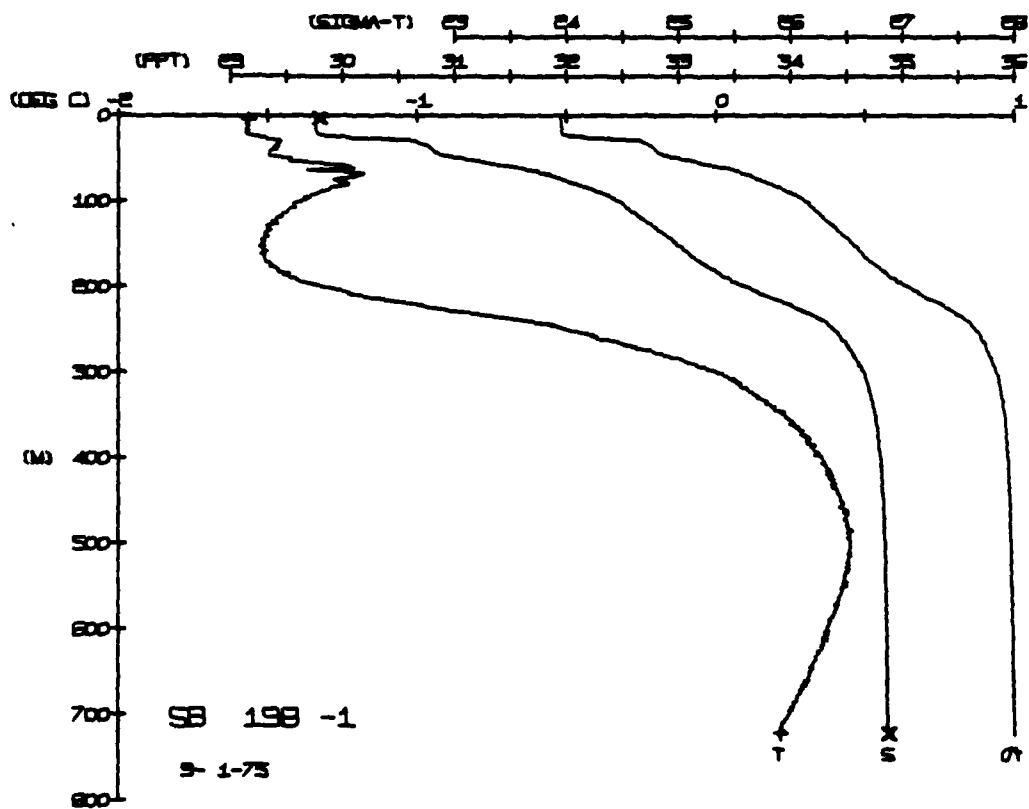


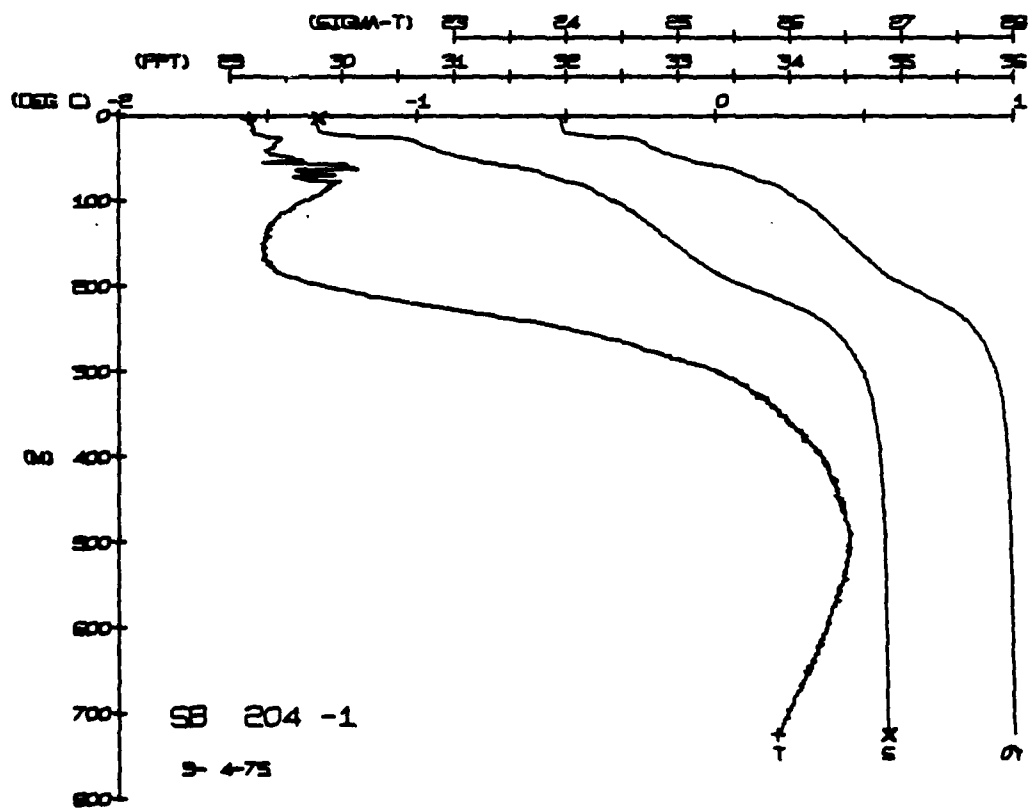
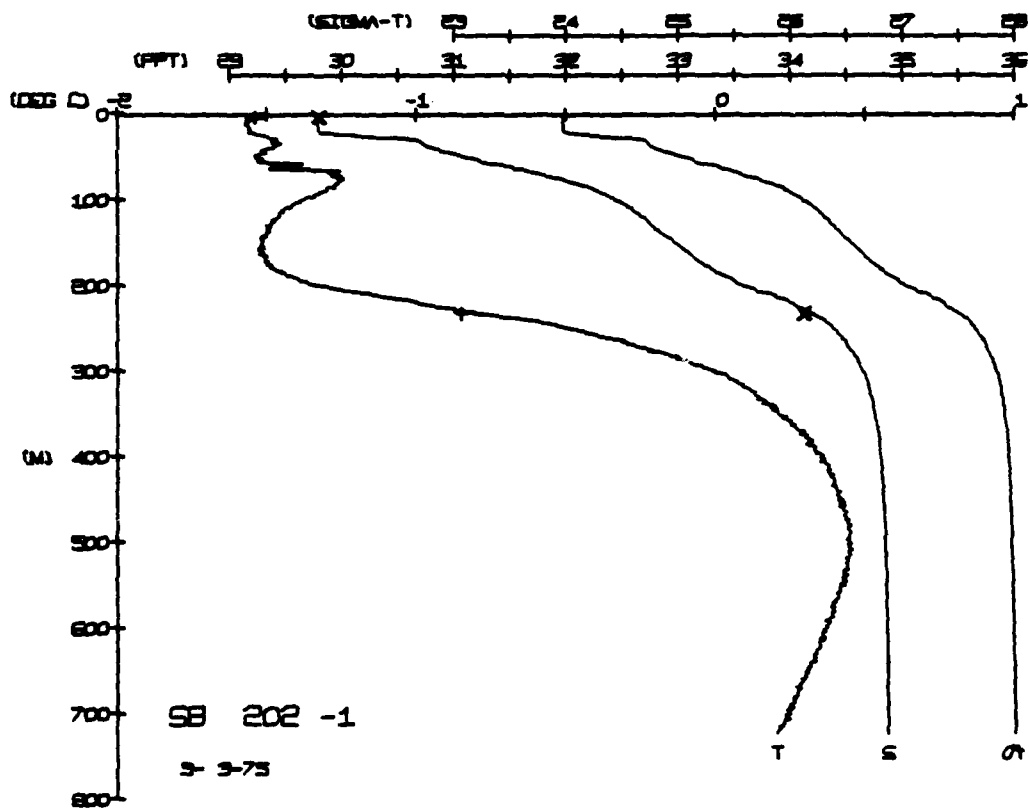
16SNOWBIRD STATION 192(1) CTD 29/AUG/1975 1800 GMT CODE = 1
LAT = 74.8315N LNG = 143.2341W LTER = 0. LGER = 0.
AIR TEMP = -2.6 BARUM = 1002.3 WIND = 249.2 SPEED = 70.9

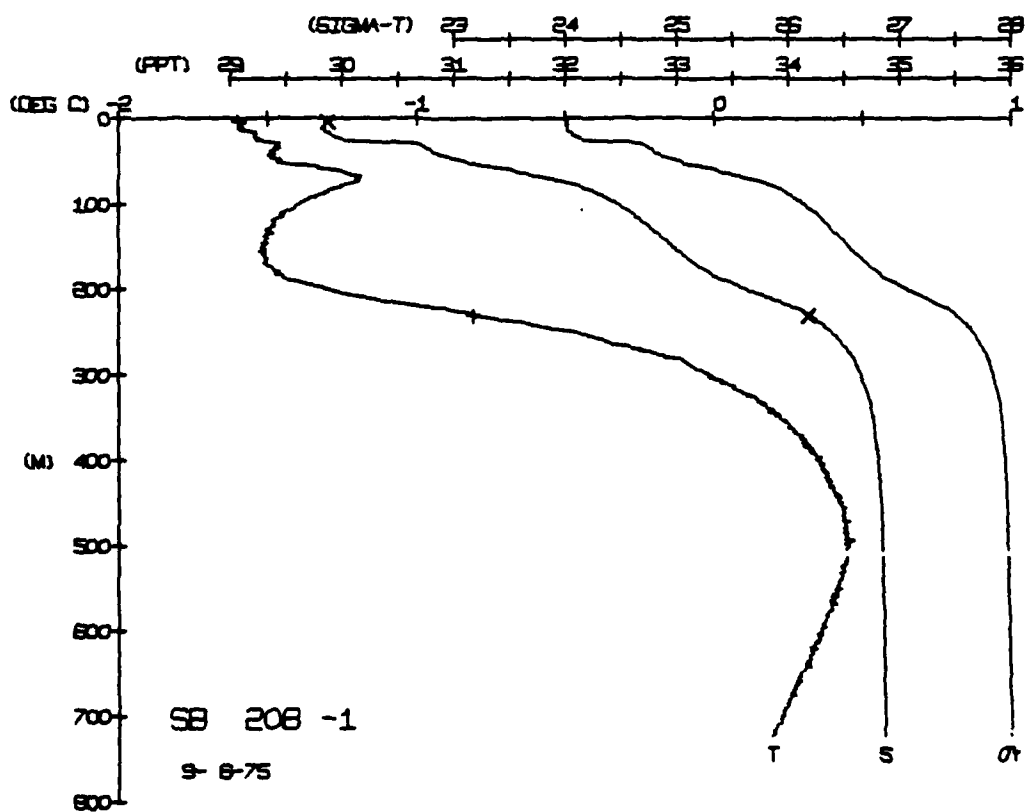
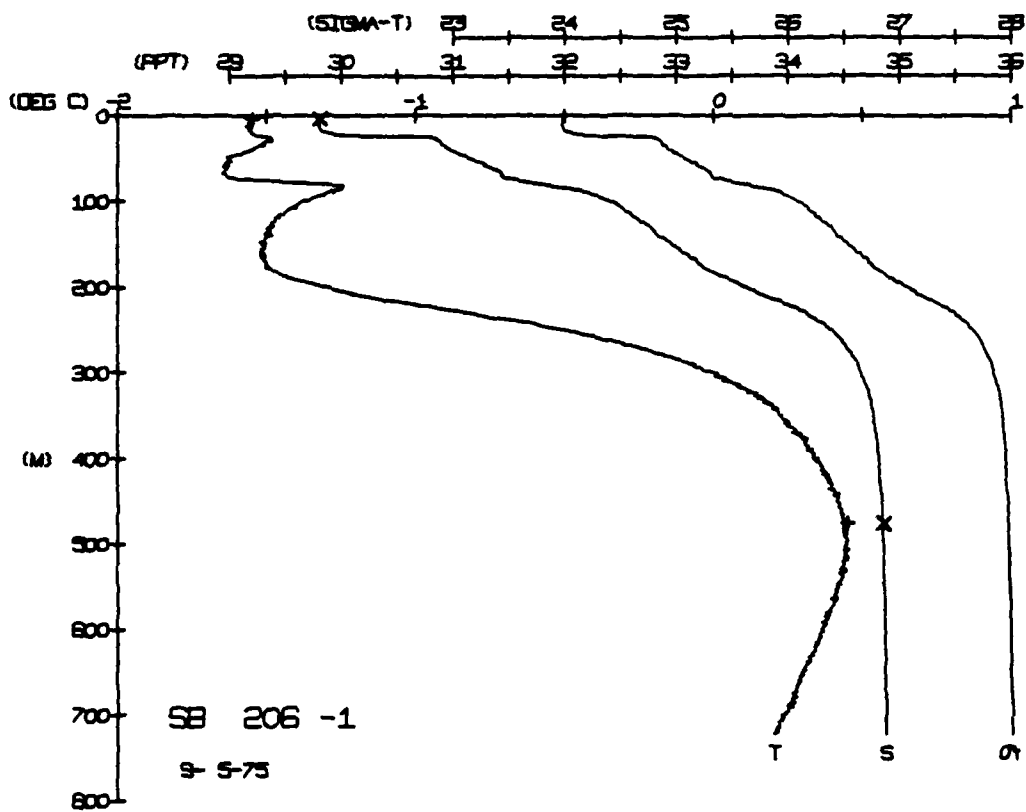
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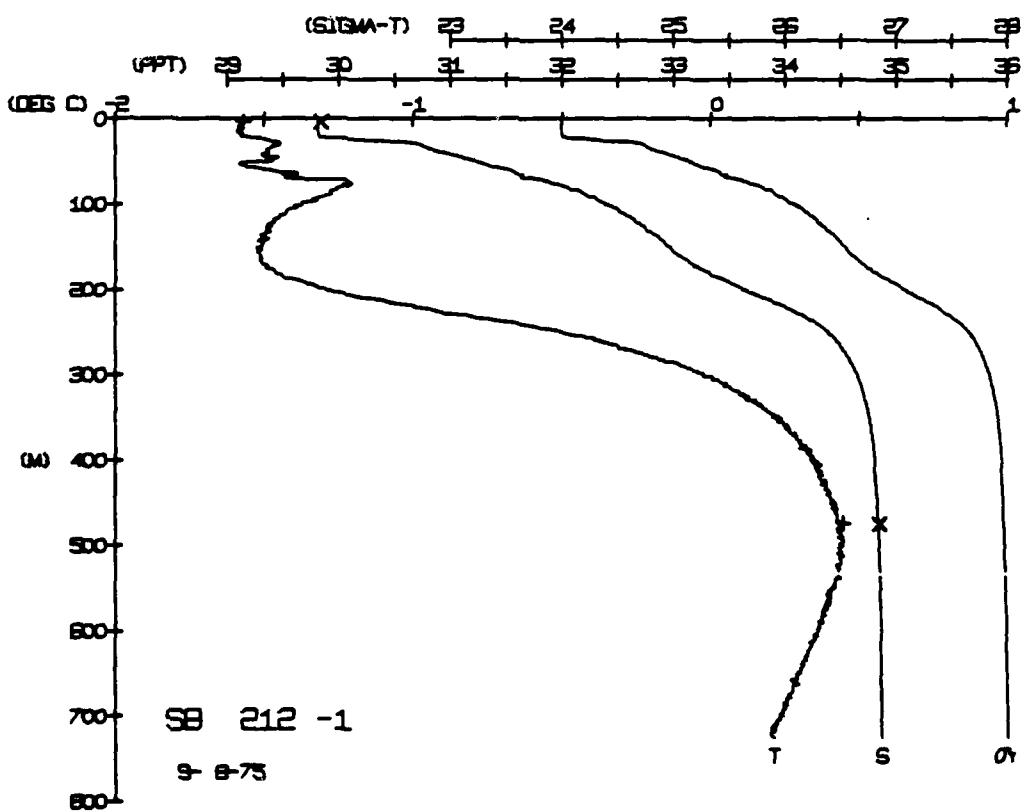
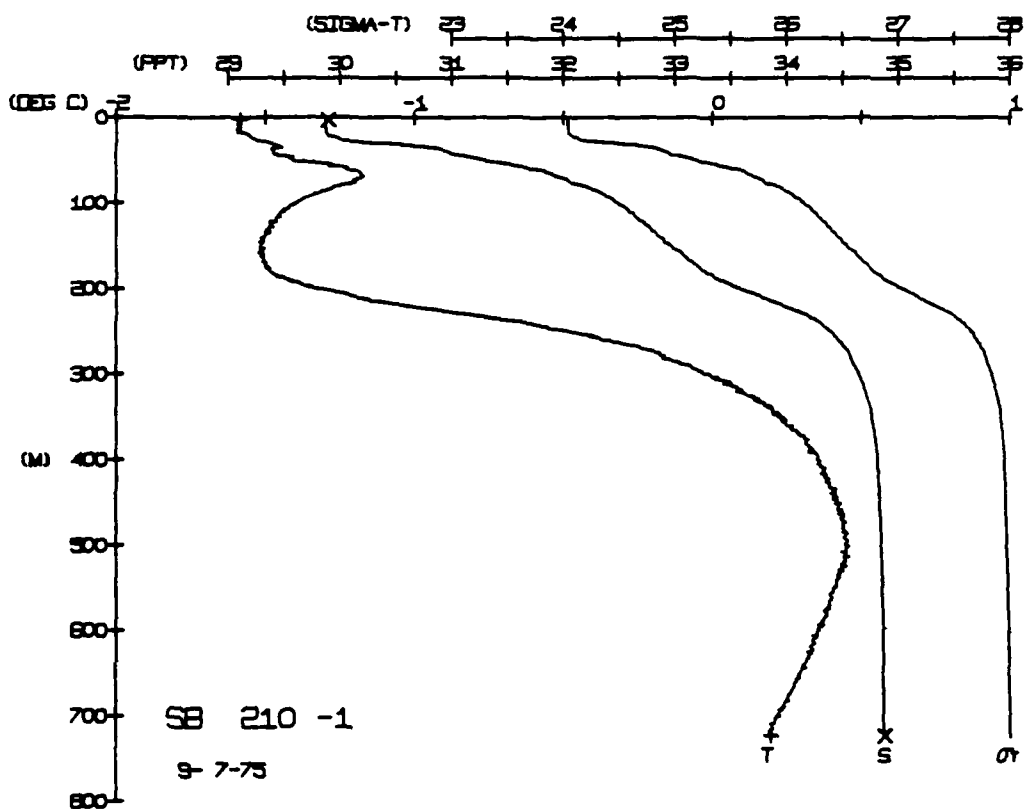




SSNWUWIRD STATION 212(1) CTD 8/SEP/1975 1800 GMT CODE = 1
LAT = 74.3438N LNG = 142.7511W LTER = 2 LGER = 3
TEMP = -9.9 BAROM = 1012.2 WIND = 222.1 SPEED = 89.1

[illegible]

DEPTH	TEMP	PTMP	SALIN	RIG T	SPVUL	DYNHT	SUUND
0	17.78	17.78	34.99	0.00	2.11	0.00	0.71
1	17.78	17.78	34.99	0.00	2.11	0.00	0.71
2	17.78	17.78	34.99	0.00	2.11	0.00	0.71
3	17.78	17.78	34.99	0.00	2.11	0.00	0.71
4	17.78	17.78	34.99	0.00	2.11	0.00	0.71
5	17.78	17.78	34.99	0.00	2.11	0.00	0.71
6	17.78	17.78	34.99	0.00	2.11	0.00	0.71
7	17.78	17.78	34.99	0.00	2.11	0.00	0.71
8	17.78	17.78	34.99	0.00	2.11	0.00	0.71
9	17.78	17.78	34.99	0.00	2.11	0.00	0.71
10	17.78	17.78	34.99	0.00	2.11	0.00	0.71
11	17.78	17.78	34.99	0.00	2.11	0.00	0.71
12	17.78	17.78	34.99	0.00	2.11	0.00	0.71
13	17.78	17.78	34.99	0.00	2.11	0.00	0.71
14	17.78	17.78	34.99	0.00	2.11	0.00	0.71
15	17.78	17.78	34.99	0.00	2.11	0.00	0.71
16	17.78	17.78	34.99	0.00	2.11	0.00	0.71
17	17.78	17.78	34.99	0.00	2.11	0.00	0.71
18	17.78	17.78	34.99	0.00	2.11	0.00	0.71
19	17.78	17.78	34.99	0.00	2.11	0.00	0.71
20	17.78	17.78	34.99	0.00	2.11	0.00	0.71
21	17.78	17.78	34.99	0.00	2.11	0.00	0.71
22	17.78	17.78	34.99	0.00	2.11	0.00	0.71
23	17.78	17.78	34.99	0.00	2.11	0.00	0.71
24	17.78	17.78	34.99	0.00	2.11	0.00	0.71
25	17.78	17.78	34.99	0.00	2.11	0.00	0.71
26	17.78	17.78	34.99	0.00	2.11	0.00	0.71
27	17.78	17.78	34.99	0.00	2.11	0.00	0.71
28	17.78	17.78	34.99	0.00	2.11	0.00	0.71
29	17.78	17.78	34.99	0.00	2.11	0.00	0.71
30	17.78	17.78	34.99	0.00	2.11	0.00	0.71
31	17.78	17.78	34.99	0.00	2.11	0.00	0.71
32	17.78	17.78	34.99	0.00	2.11	0.00	0.71
33	17.78	17.78	34.99	0.00	2.11	0.00	0.71
34	17.78	17.78	34.99	0.00	2.11	0.00	0.71
35	17.78	17.78	34.99	0.00	2.11	0.00	0.71
36	17.78	17.78	34.99	0.00	2.11	0.00	0.71
37	17.78	17.78	34.99	0.00	2.11	0.00	0.71
38	17.78	17.78	34.99	0.00	2.11	0.00	0.71
39	17.78	17.78	34.99	0.00	2.11	0.00	0.71
40	17.78	17.78	34.99	0.00	2.11	0.00	0.71
41	17.78	17.78	34.99	0.00	2.11	0.00	0.71
42	17.78	17.78	34.99	0.00	2.11	0.00	0.71
43	17.78	17.78	34.99	0.00	2.11	0.00	0.71
44	17.78	17.78	34.99	0.00	2.11	0.00	0.71
45	17.78	17.78	34.99	0.00	2.11	0.00	0.71
46	17.78	17.78	34.99	0.00	2.11	0.00	0.71
47	17.78	17.78	34.99	0.00	2.11	0.00	0.71
48	17.78	17.78	34.99	0.00	2.11	0.00	0.71
49	17.78	17.78	34.99	0.00	2.11	0.00	0.71
50	17.78	17.78	34.99	0.00	2.11	0.00	0.71



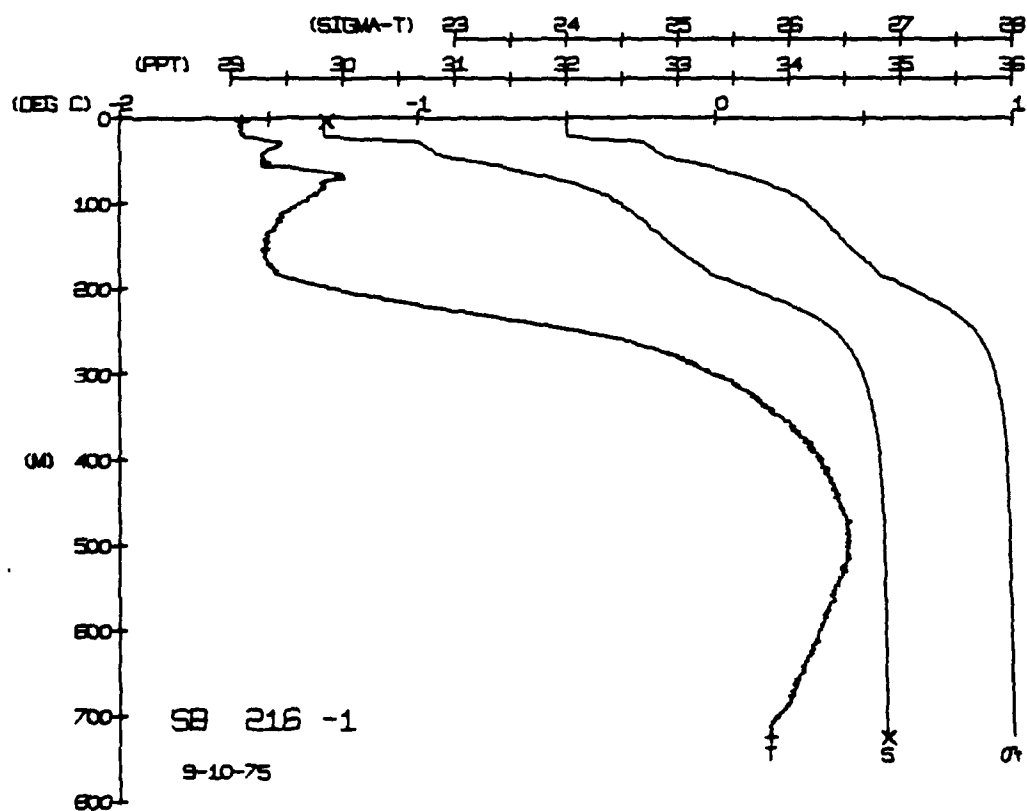
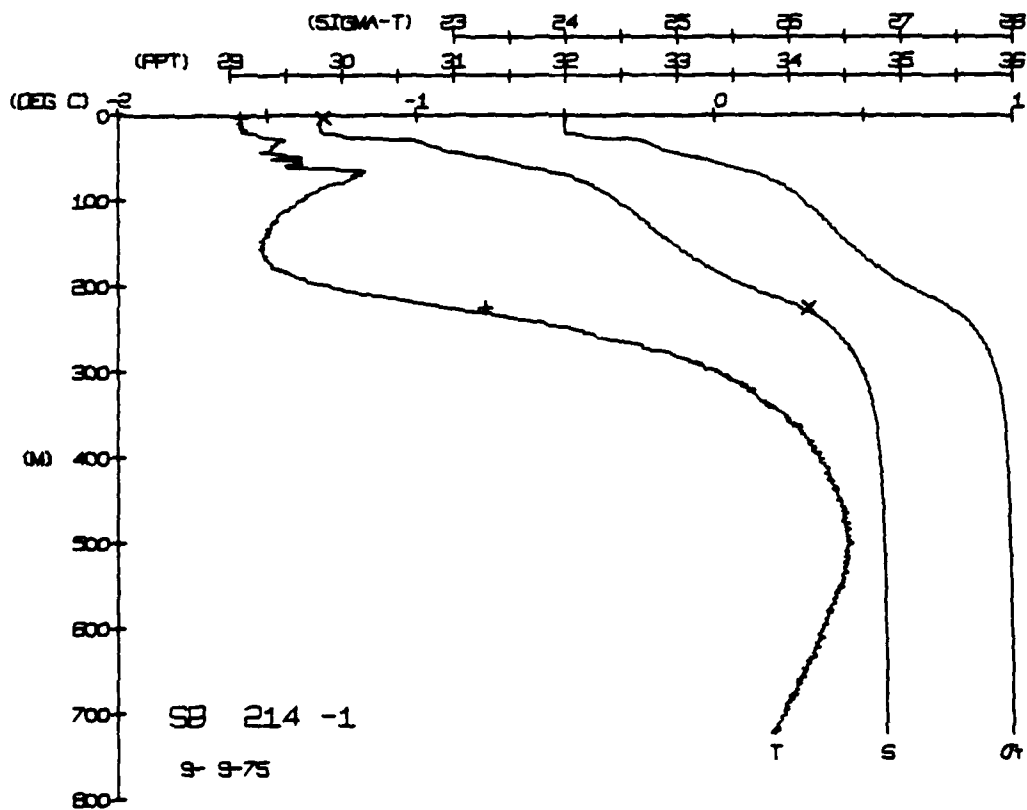
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SNOWBIRD STATION 216(1) CTD 10/SEP/1975 1800 GMT CODE = 1
LAT = 74.3055N LNG = 41.8001W ITER = 376. LGFM = 445.
AIR TEMP = HIRON = 1011.8 WIND = SP.FD =

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DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVUL	DYNH1	SOUND	SALIN
0	1.59	59	29.80	98	393.5	0.000	434.5	29.83
5	1.59	59	29.80	98	393.1	0.010	434.4	34.17
10	1.59	59	29.80	98	393.3	0.020	434.4	
15	1.59	59	29.80	98	393.3	0.050	434.4	
20	1.59	59	30.00	98	393.7	0.090	434.5	
25	1.59	59	30.00	98	393.0	0.090	435.0	
30	1.59	59	30.00	98	393.0	0.110	435.0	
35	1.59	59	30.00	98	393.0	0.130	435.0	
40	1.59	59	30.00	98	393.0	0.160	435.0	
45	1.59	59	30.00	98	393.0	0.190	435.0	
50	1.59	59	30.00	98	393.0	0.220	435.0	
55	1.59	59	30.00	98	393.0	0.250	435.0	
60	1.59	59	30.00	98	393.0	0.280	435.0	
65	1.59	59	30.00	98	393.0	0.310	435.0	
70	1.59	59	30.00	98	393.0	0.340	435.0	
75	1.59	59	30.00	98	393.0	0.370	435.0	
80	1.59	59	30.00	98	393.0	0.400	435.0	
85	1.59	59	30.00	98	393.0	0.430	435.0	
90	1.59	59	30.00	98	393.0	0.460	435.0	
95	1.59	59	30.00	98	393.0	0.490	435.0	
100	1.59	59	30.00	98	393.0	0.520	435.0	
105	1.59	59	30.00	98	393.0	0.550	435.0	
110	1.59	59	30.00	98	393.0	0.580	435.0	
115	1.59	59	30.00	98	393.0	0.610	435.0	
120	1.59	59	30.00	98	393.0	0.640	435.0	
125	1.59	59	30.00	98	393.0	0.670	435.0	
130	1.59	59	30.00	98	393.0	0.700	435.0	
135	1.59	59	30.00	98	393.0	0.730	435.0	
140	1.59	59	30.00	98	393.0	0.760	435.0	
145	1.59	59	30.00	98	393.0	0.790	435.0	
150	1.59	59	30.00	98	393.0	0.820	435.0	
155	1.59	59	30.00	98	393.0	0.850	435.0	
160	1.59	59	30.00	98	393.0	0.880	435.0	
165	1.59	59	30.00	98	393.0	0.910	435.0	
170	1.59	59	30.00	98	393.0	0.940	435.0	
175	1.59	59	30.00	98	393.0	0.970	435.0	
180	1.59	59	30.00	98	393.0	1.000	435.0	
185	1.59	59	30.00	98	393.0	1.030	435.0	
190	1.59	59	30.00	98	393.0	1.060	435.0	
195	1.59	59	30.00	98	393.0	1.090	435.0	
200	1.59	59	30.00	98	393.0	1.120	435.0	
205	1.59	59	30.00	98	393.0	1.150	435.0	
210	1.59	59	30.00	98	393.0	1.180	435.0	
215	1.59	59	30.00	98	393.0	1.210	435.0	
220	1.59	59	30.00	98	393.0	1.240	435.0	
225	1.59	59	30.00	98	393.0	1.270	435.0	
230	1.59	59	30.00	98	393.0	1.300	435.0	
235	1.59	59	30.00	98	393.0	1.330	435.0	
240	1.59	59	30.00	98	393.0	1.360	435.0	
245	1.59	59	30.00	98	393.0	1.390	435.0	
250	1.59	59	30.00	98	393.0	1.420	435.0	
255	1.59	59	30.00	98	393.0	1.450	435.0	
260	1.59	59	30.00	98	393.0	1.480	435.0	
265	1							

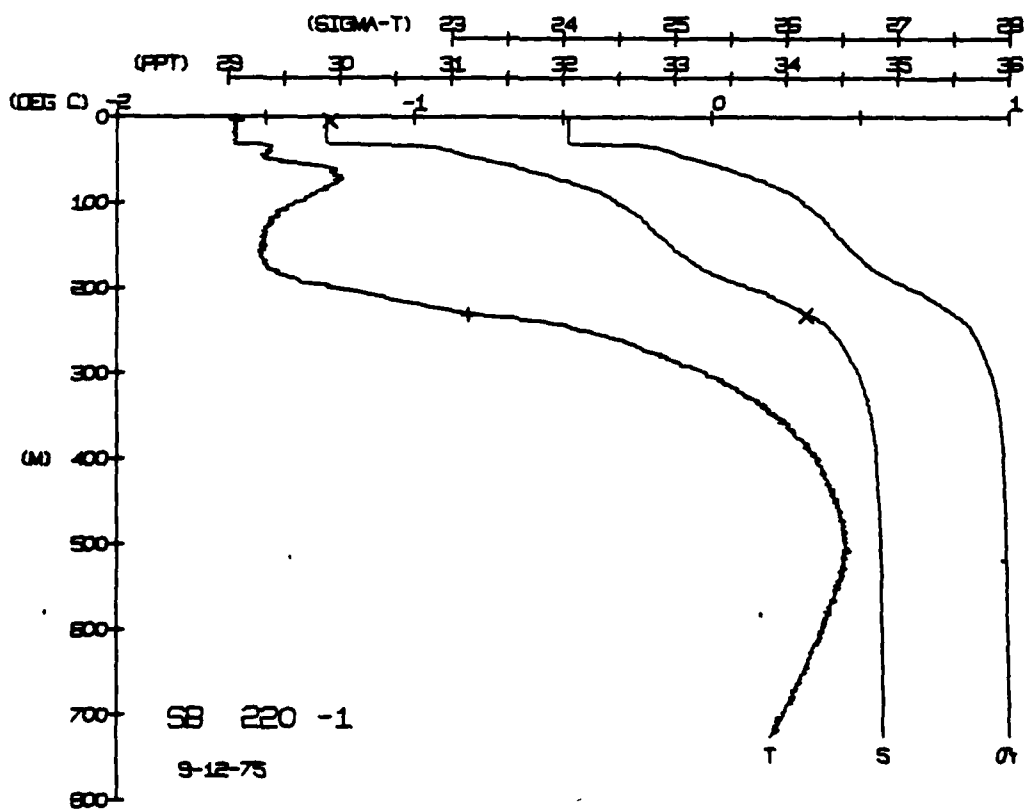
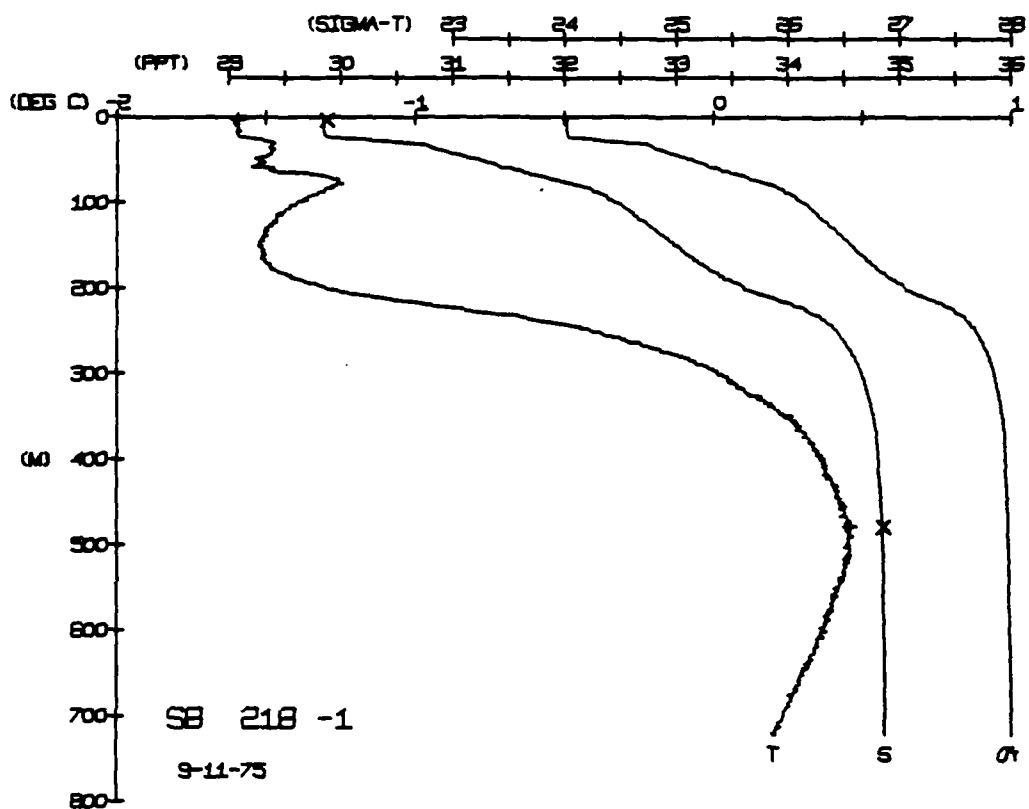
DEPTH	TEMP	PTMP	SALIN	DEPTH	TEMP.	SPVCL	DYNHT	SUIND
0	999	1	29.82	725.0	-1.59	391.6	0.000	1434.6
1	999	1	29.83	725.0	-1.59	391.6	0.016	1434.4
2	999	1	29.83	725.0	-1.59	391.6	0.020	1434.4
3	999	1	29.83	725.0	-1.59	391.6	0.029	1434.4
4	999	1	29.83	725.0	-1.59	391.6	0.059	1434.4
5	999	1	29.83	725.0	-1.59	391.6	0.079	1434.4
6	999	1	29.83	725.0	-1.59	391.6	0.098	1434.4
7	999	1	29.83	725.0	-1.59	391.6	0.131	1434.4
8	999	1	29.83	725.0	-1.59	391.6	0.147	1434.4
9	999	1	29.83	725.0	-1.59	391.6	0.168	1434.4
10	999	1	29.83	725.0	-1.59	391.6	0.193	1434.4
11	999	1	29.83	725.0	-1.59	391.6	0.212	1434.4
12	999	1	29.83	725.0	-1.59	391.6	0.234	1434.4
13	999	1	29.83	725.0	-1.59	391.6	0.254	1434.4
14	999	1	29.83	725.0	-1.59	391.6	0.275	1434.4
15	999	1	29.83	725.0	-1.59	391.6	0.293	1434.4
16	999	1	29.83	725.0	-1.59	391.6	0.313	1434.4
17	999	1	29.83	725.0	-1.59	391.6	0.337	1434.4
18	999	1	29.83	725.0	-1.59	391.6	0.364	1434.4
19	999	1	29.83	725.0	-1.59	391.6	0.379	1434.4
20	999	1	29.83	725.0	-1.59	391.6	0.394	1434.4
21	999	1	29.83	725.0	-1.59	391.6	0.421	1434.4
22	999	1	29.83	725.0	-1.59	391.6	0.433	1434.4
23	999	1	29.83	725.0	-1.59	391.6	0.443	1434.4
24	999	1	29.83	725.0	-1.59	391.6	0.452	1434.4
25	999	1	29.83	725.0	-1.59	391.6	0.466	1434.4
26	999	1	29.83	725.0	-1.59	391.6	0.476	1434.4
27	999	1	29.83	725.0	-1.59	391.6	0.484	1434.4
28	999	1	29.83	725.0	-1.59	391.6	0.487	1434.4
29	999	1	29.83	725.0	-1.59	391.6	0.493	1434.4
30	999	1	29.83	725.0	-1.59	391.6	0.498	1434.4
31	999	1	29.83	725.0	-1.59	391.6	0.502	1434.4
32	999	1	29.83	725.0	-1.59	391.6	0.508	1434.4
33	999	1	29.83	725.0	-1.59	391.6	0.511	1434.4
34	999	1	29.83	725.0	-1.59	391.6	0.515	1434.4
35	999	1	29.83	725.0	-1.59	391.6	0.518	1434.4
36	999	1	29.83	725.0	-1.59	391.6	0.522	1434.4
37	999	1	29.83	725.0	-1.59	391.6	0.525	1434.4
38	999	1	29.83	725.0	-1.59	391.6	0.529	1434.4
39	999	1	29.83	725.0	-1.59	391.6	0.534	1434.4
40	999	1	29.83	725.0	-1.59	391.6	0.542	1434.4
41	999	1	29.83	725.0	-1.59	391.6	0.544	1434.4
42	999	1	29.83	725.0	-1.59	391.6	0.547	1434.4
43	999	1	29.83	725.0	-1.59	391.6	0.549	1434.4
44	999	1	29.83	725.0	-1.59	391.6	0.551	1434.4
45	999	1	29.83	725.0	-1.59	391.6	0.552	1434.4
46	999	1</						



SNOWBIRD STATION 220(1) CTD 12/SEP/1975 1800 GMT CODE = 1
LAT = 74.3404N LNG = 140.9758W IBER = 1. LGR = 1.
TEMP = -0.9 BARUM = 1001.3 WIND = 216.0 SPED = 97.9

[illegible]

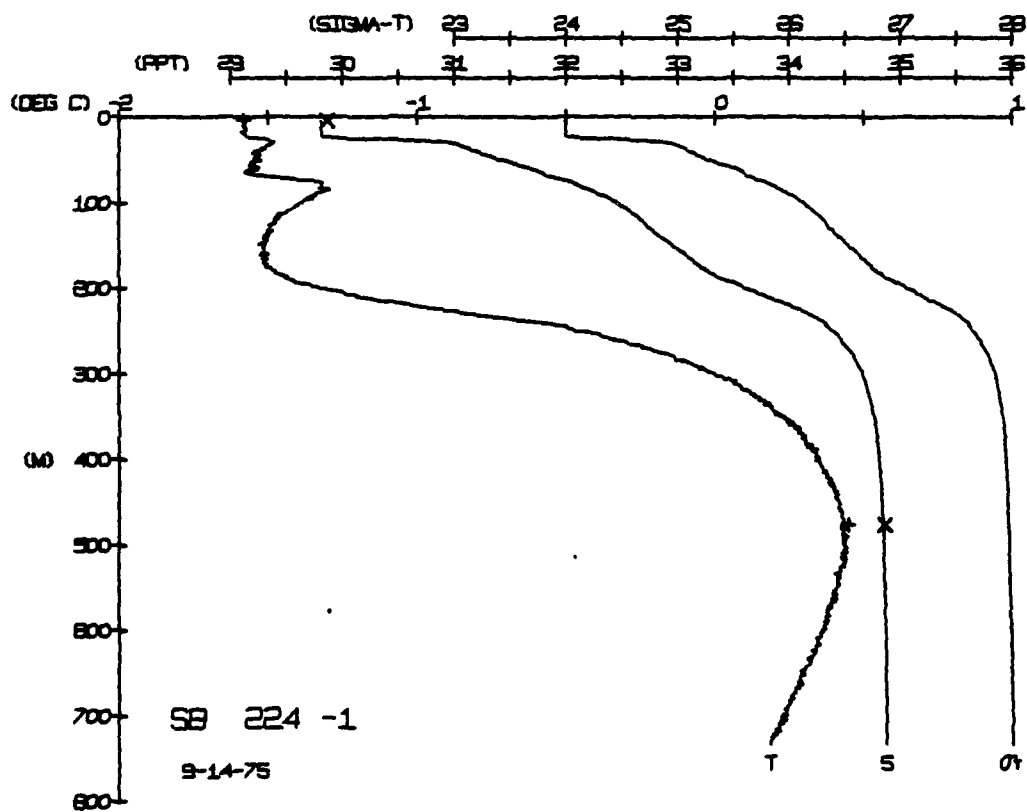
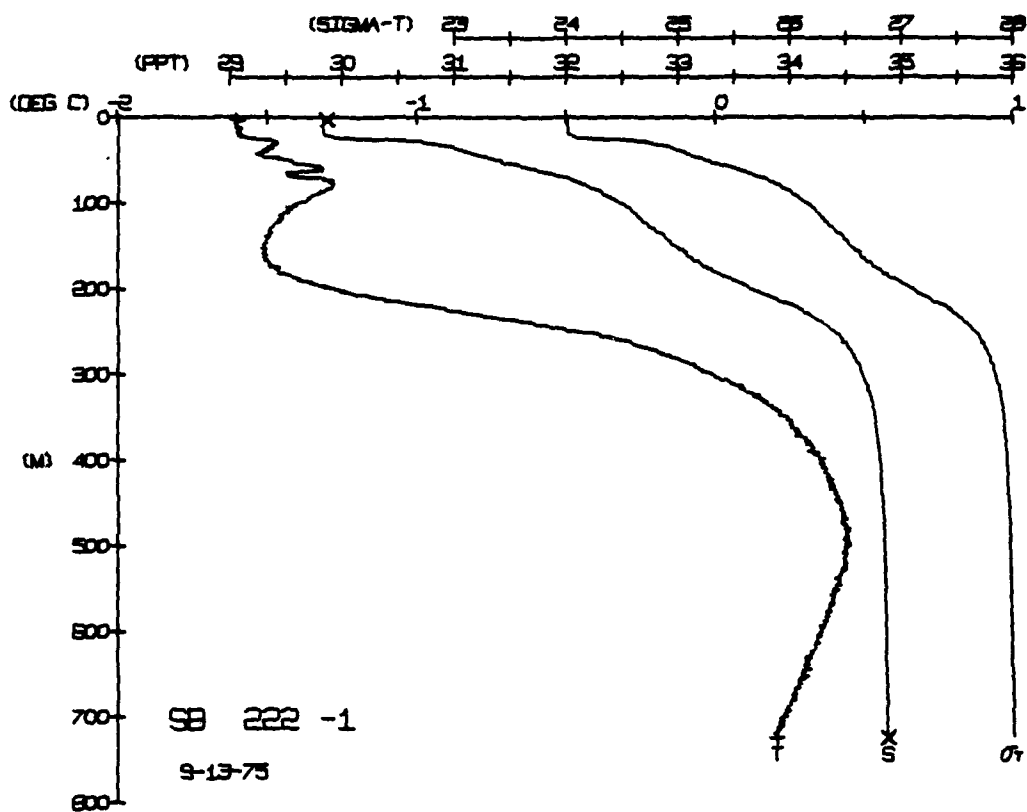
ROT NUM = 1	DEPTH	TEMP.	SALIN
ROT NUM = 2	3.7	-1.60	29.91
	230.7	-0.82	34.17



SNOWBIRD STATION 224(1) CTD 14/SEP/1975 1800 GMT CODE = 3
LAT = 74.2042N LNC = 140.6181W LTR = 2 LGFR = 2
AIR TEMP = -4.0 BAROM = 1007.1 WIND = 10.9 SPEED = 34.7

[illegible]

BOF NUM = 1	DEPTH	TEMP.	SALIN
ROT NUM = 2	3.5	-1.59	29.85
	476.5	0.45	34.66



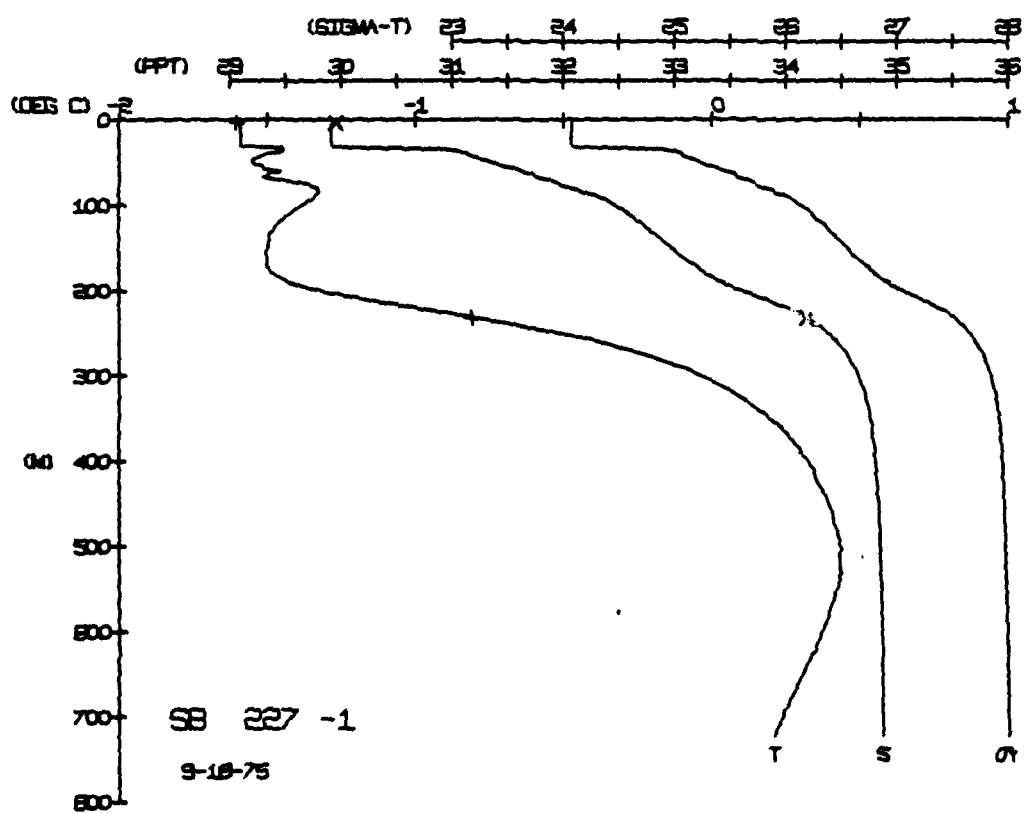
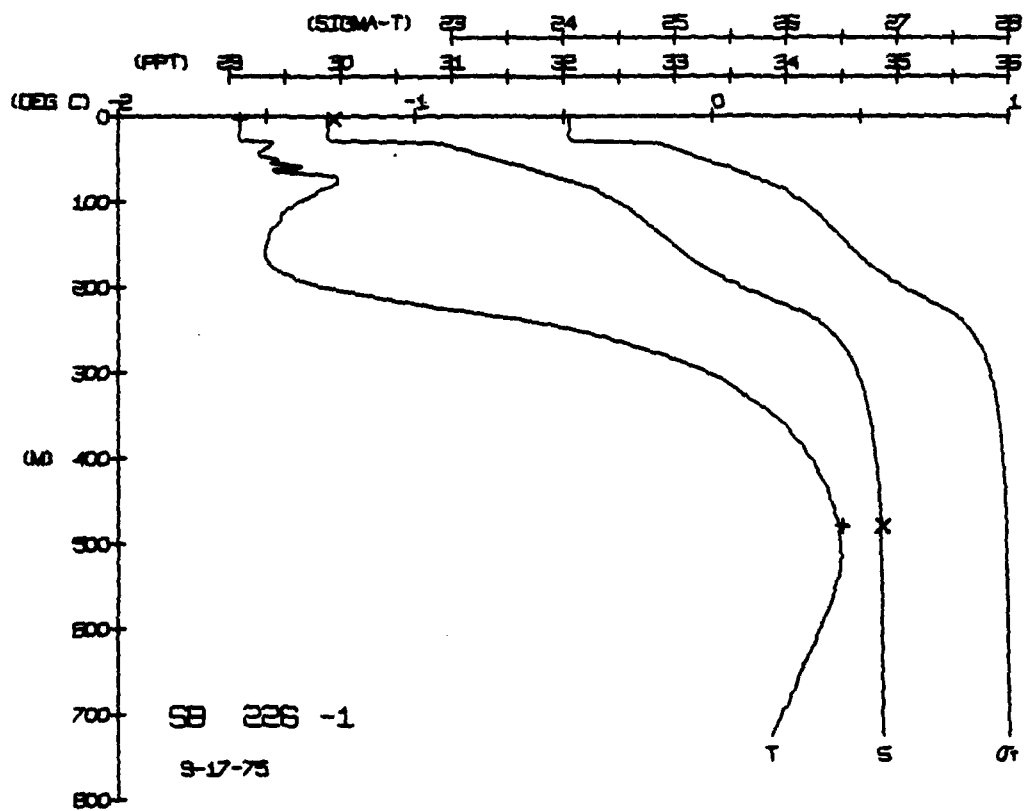
SNOWBIRD STATION 227(1) CTD 19/SEP/1975 1945 GMT CODE = 2
LAT = 74.3848N LNG = 140.0135W ITER = 1 LGEN = 2
AIR TEMP = -4.6 BARUM = 1001.0 WIND = 346.4 SPEED = 40.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DIMHT	SOUND
0.10	59.99	59.99	88.88	4.44	3.21	0.00	4.44
0.45	59.99	59.99	88.88	4.44	3.21	0.00	4.44
1.25	59.99	59.99	88.88	4.44	3.21	0.00	4.44
3.45	59.99	59.99	88.88	4.44	3.21	0.00	4.44
5.55	59.99	59.99	88.88	4.44	3.21	0.00	4.44
6.75	59.99	59.99	88.88	4.44	3.21	0.00	4.44
7.80	59.99	59.99	88.88	4.44	3.21	0.00	4.44
9.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
10.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
11.60	59.99	59.99	88.88	4.44	3.21	0.00	4.44
12.75	59.99	59.99	88.88	4.44	3.21	0.00	4.44
14.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
15.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
16.55	59.99	59.99	88.88	4.44	3.21	0.00	4.44
17.80	59.99	59.99	88.88	4.44	3.21	0.00	4.44
19.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
20.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
21.60	59.99	59.99	88.88	4.44	3.21	0.00	4.44
22.75	59.99	59.99	88.88	4.44	3.21	0.00	4.44
24.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
25.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
26.55	59.99	59.99	88.88	4.44	3.21	0.00	4.44
27.80	59.99	59.99	88.88	4.44	3.21	0.00	4.44
29.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
30.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
31.60	59.99	59.99	88.88	4.44	3.21	0.00	4.44
32.75	59.99	59.99	88.88	4.44	3.21	0.00	4.44
34.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
35.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
36.55	59.99	59.99	88.88	4.44	3.21	0.00	4.44
37.80	59.99	59.99	88.88	4.44	3.21	0.00	4.44
39.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
40.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
41.60	59.99	59.99	88.88	4.44	3.21	0.00	4.44
42.75	59.99	59.99	88.88	4.44	3.21	0.00	4.44
44.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
45.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
46.55	59.99	59.99	88.88	4.44	3.21	0.00	4.44
47.80	59.99	59.99	88.88	4.44	3.21	0.00	4.44
49.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
50.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
51.60	59.99	59.99	88.88	4.44	3.21	0.00	4.44
52.75	59.99	59.99	88.88	4.44	3.21	0.00	4.44
54.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
55.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
56.55	59.99	59.99	88.88	4.44	3.21	0.00	4.44
57.80	59.99	59.99	88.88	4.44	3.21	0.00	4.44
59.00	59.99	59.99	88.88	4.44	3.21	0.00	4.44
60.30	59.99	59.99	88.88	4.44	3.21	0.00	4.44
61.60</							

HUT NUM = 1	3.3	-1.59	29.93
HUT NUM = 2	480.1	0.44	34.47

[illegible]

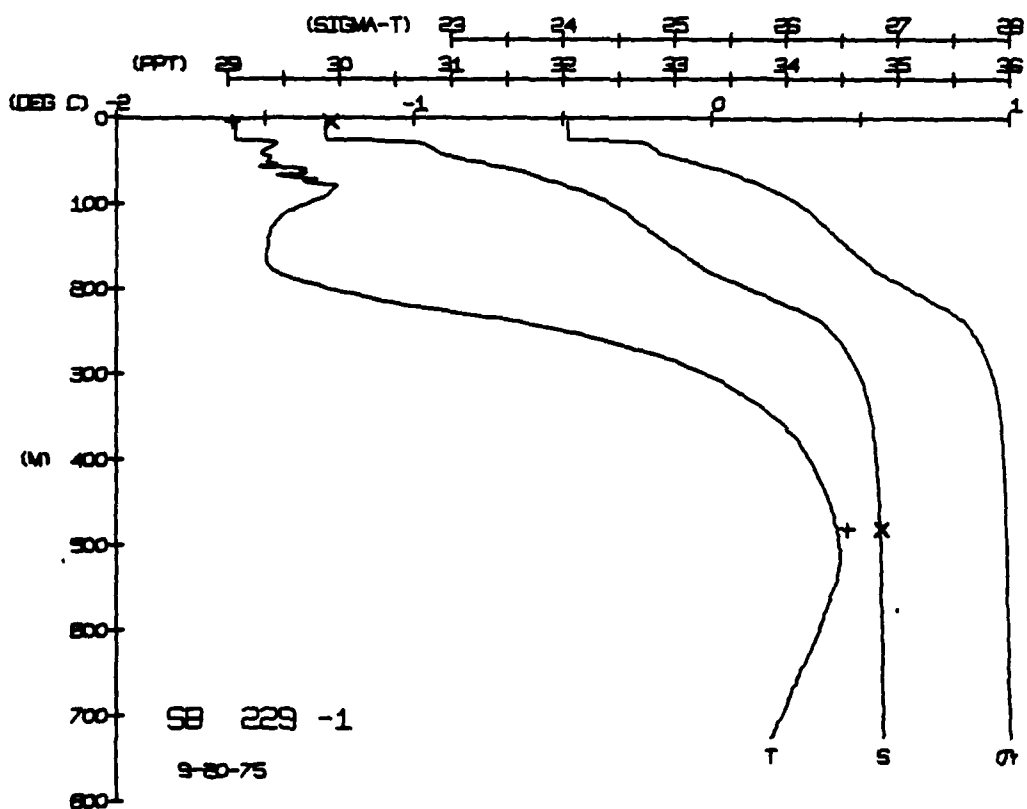
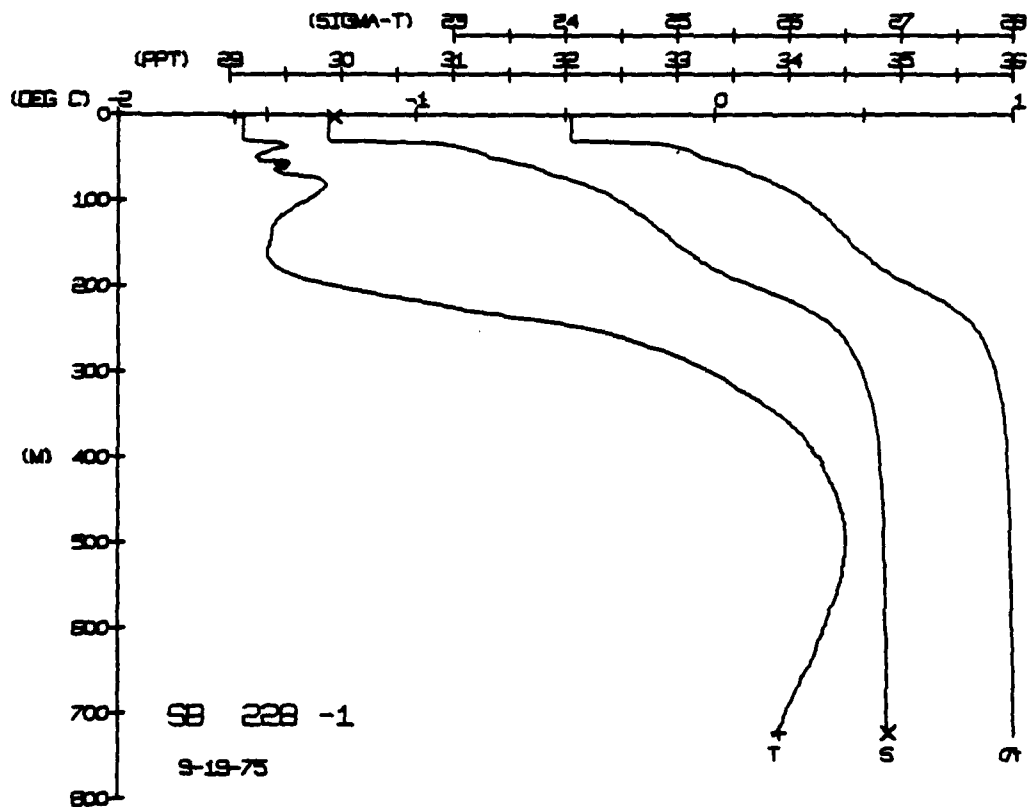
DEPTH	TEMP.	SALIN.
3.5	-1.61	29.95
232.4	-0.81	34.18



SNOWBIRD STATION 229(1) CTD 20/SEP/1975 1800 GMT CODE = 2
LAT = 74.2872N LNG = 141.0581W LTR = 1 LGR = 2
AIR TEMP = -12.1 HAROM = 1014.5 WIND = 233.4 SPEED = 84.6

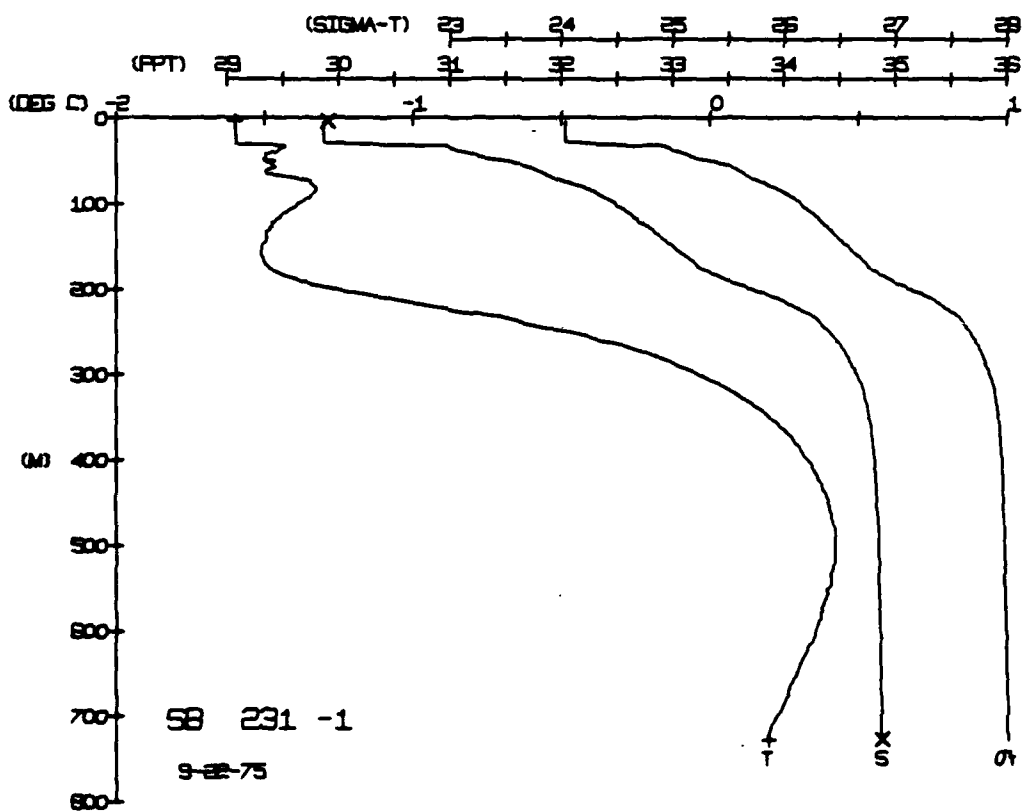
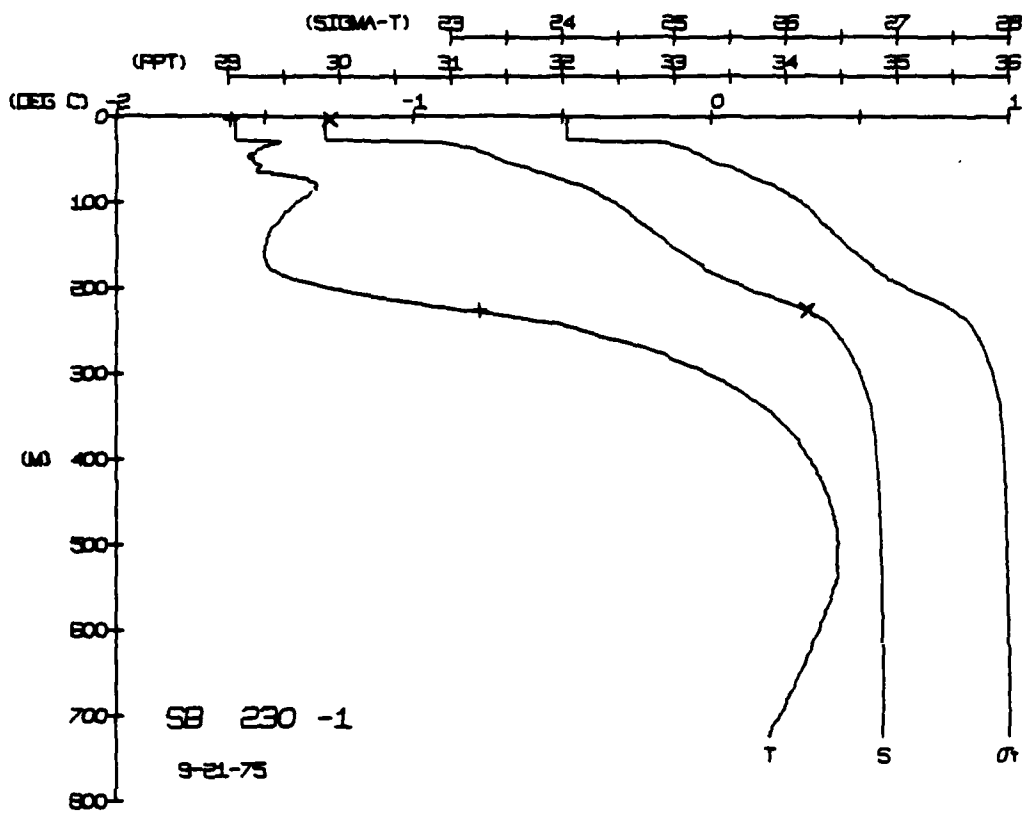
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DINHT	SOUND
0	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
1	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
2	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
3	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
4	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
5	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
6	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
7	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
8	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
9	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
10	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
11	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
12	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
13	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
14	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
15	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
16	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
17	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
18	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
19	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
20	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
21	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
22	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
23	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
24	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
25	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
26	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
27	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
28	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
29	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
30	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
31	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
32	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
33	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
34	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
35	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
36	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
37	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
38	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
39	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
40	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
41	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
42	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
43	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
44	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
45	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
46	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
47	14.87	14.87	35.15	1.33	1.08	0.00	1.000000
48	14.87	14.87	35.15	1.33</			

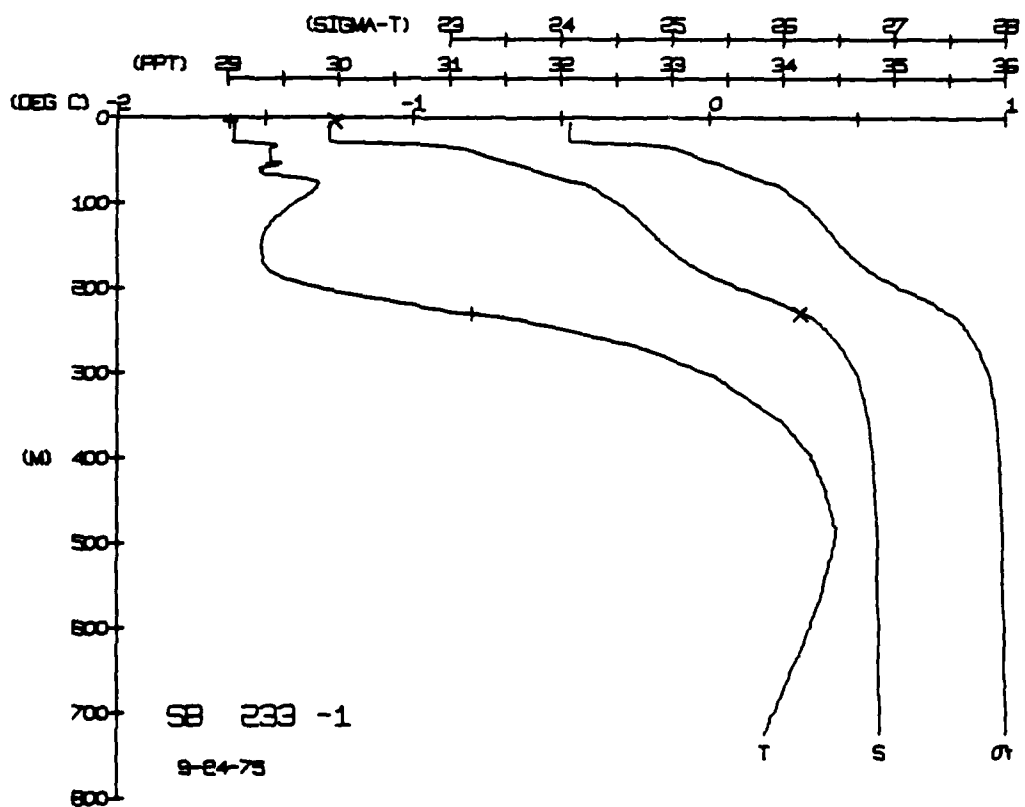
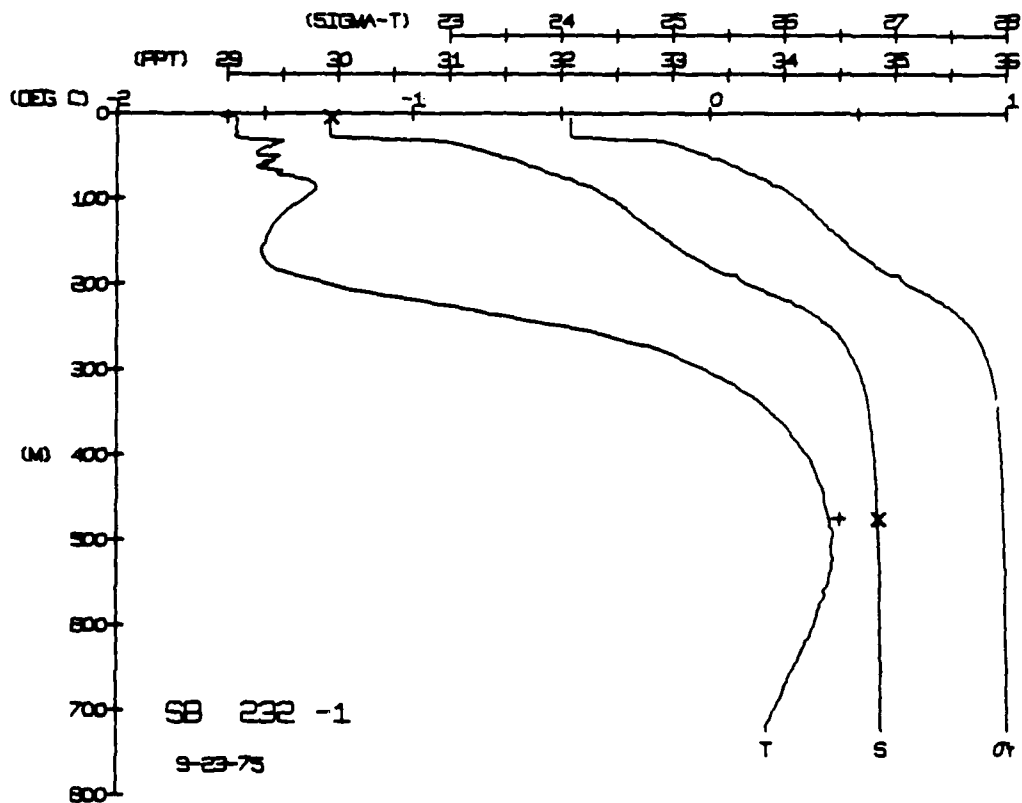
[illegible]



SNOWBIRD STATION 231(1) CTD 22/SEP/1975 1800 GMT CUNF = 2
LAT = 74.2851N LNG = 140.4252W LTER = 0, LGR = 0,
AIR TEMP = -10.3 BAROM = 1010.0 WIND = 70.4 SPEED = 67.3

[illegible][illegible]

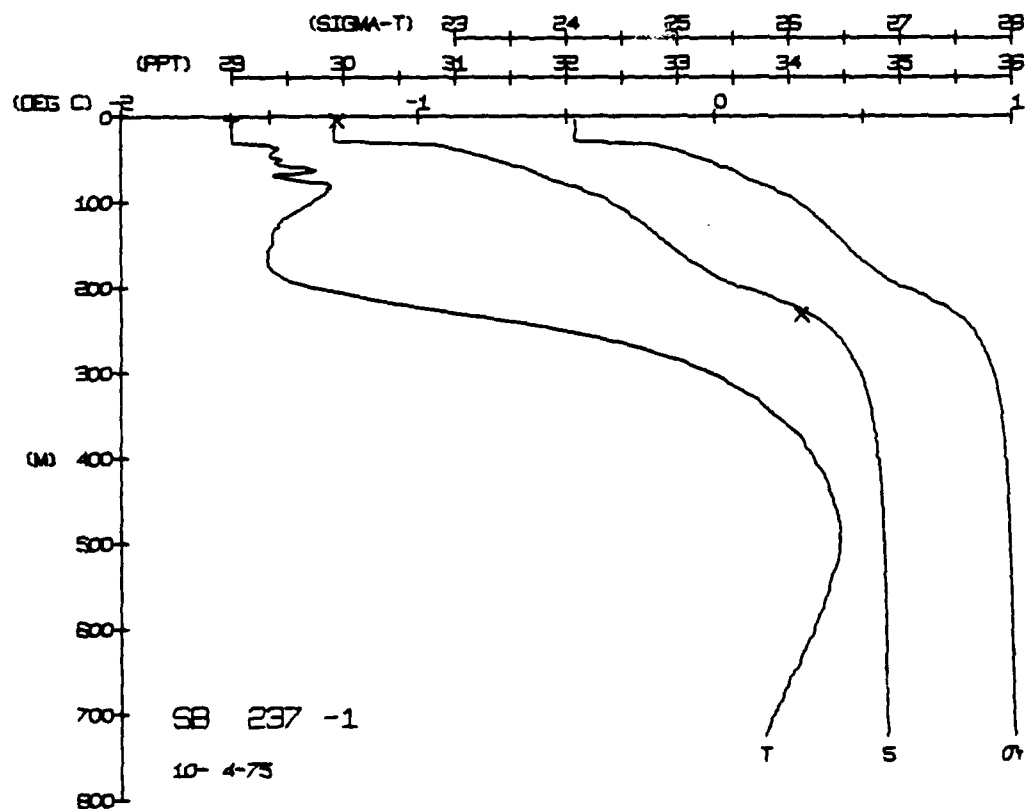
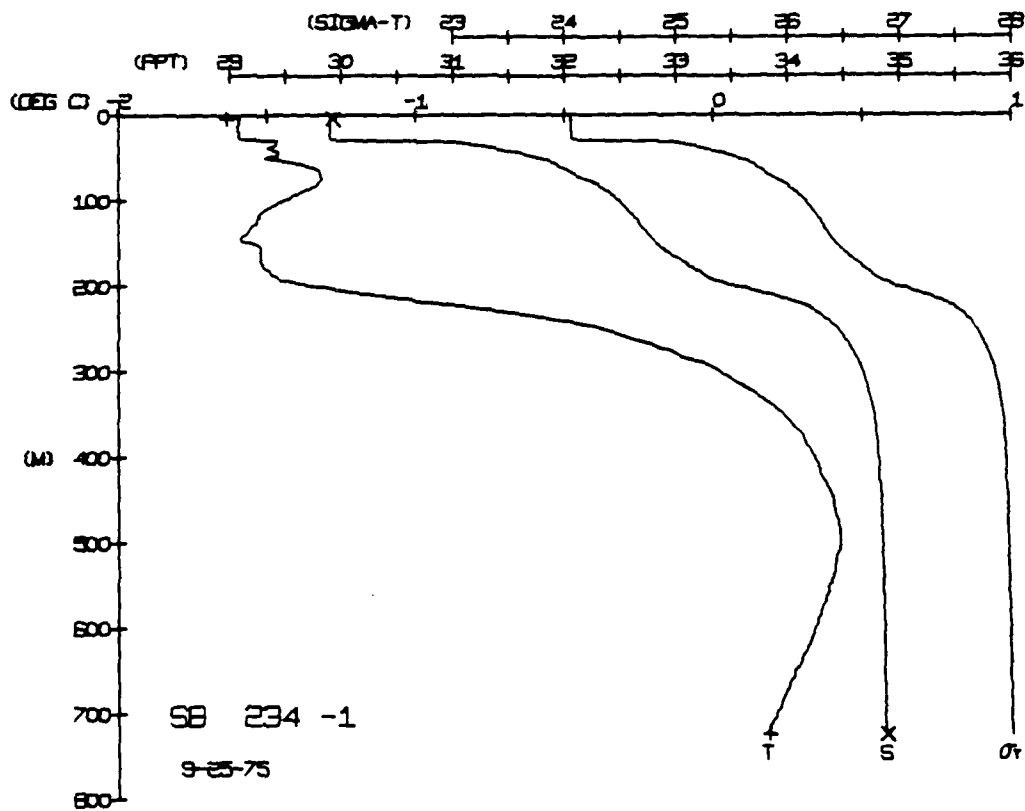


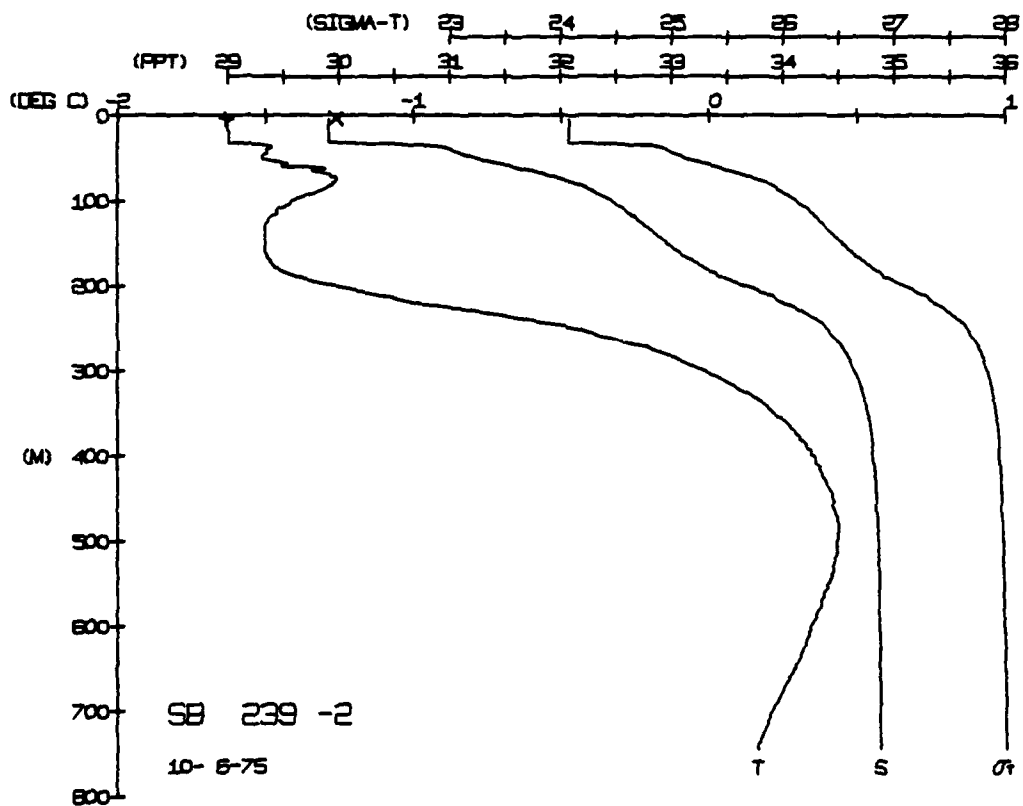
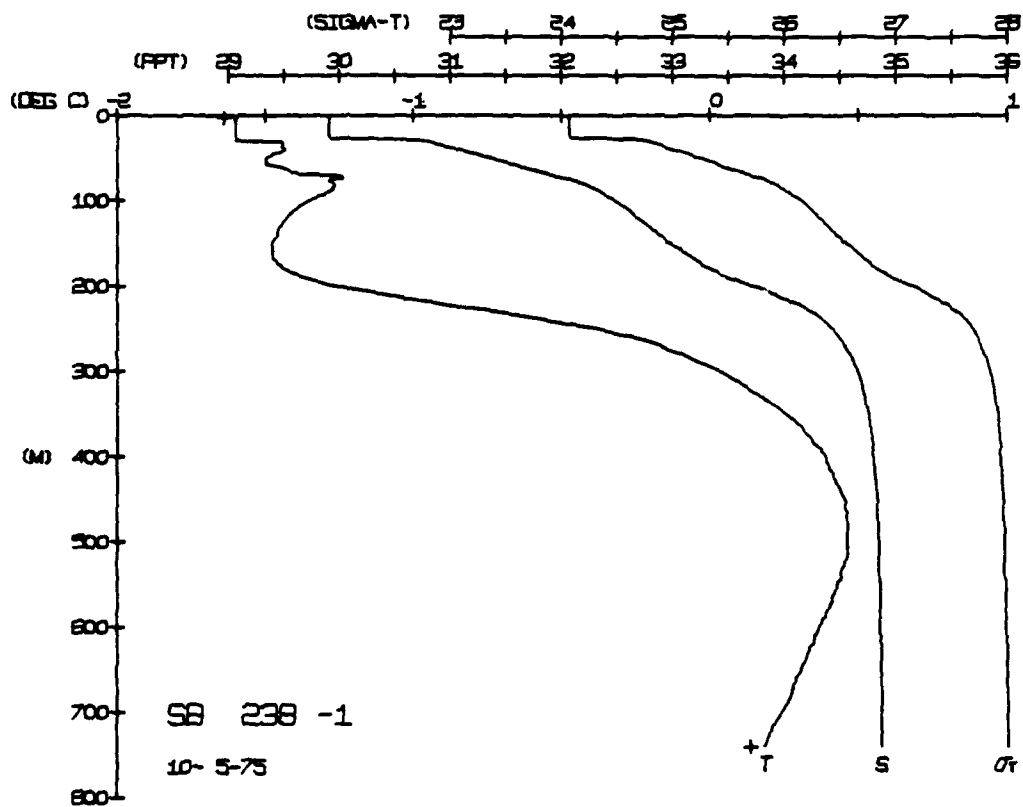


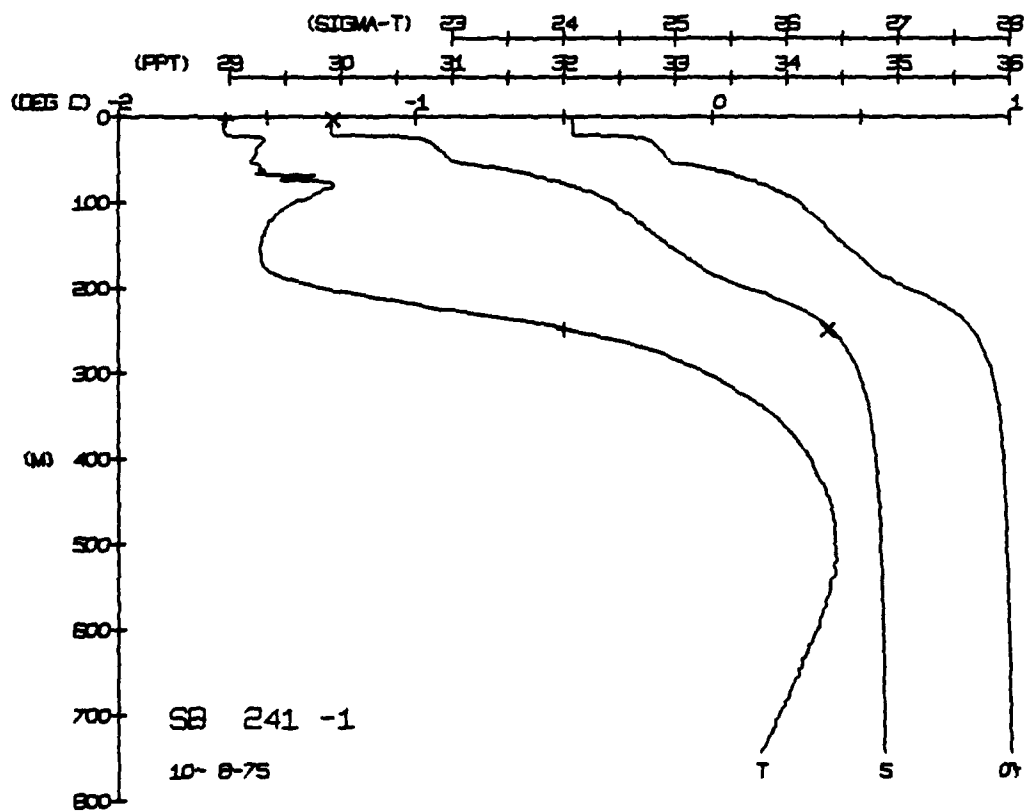
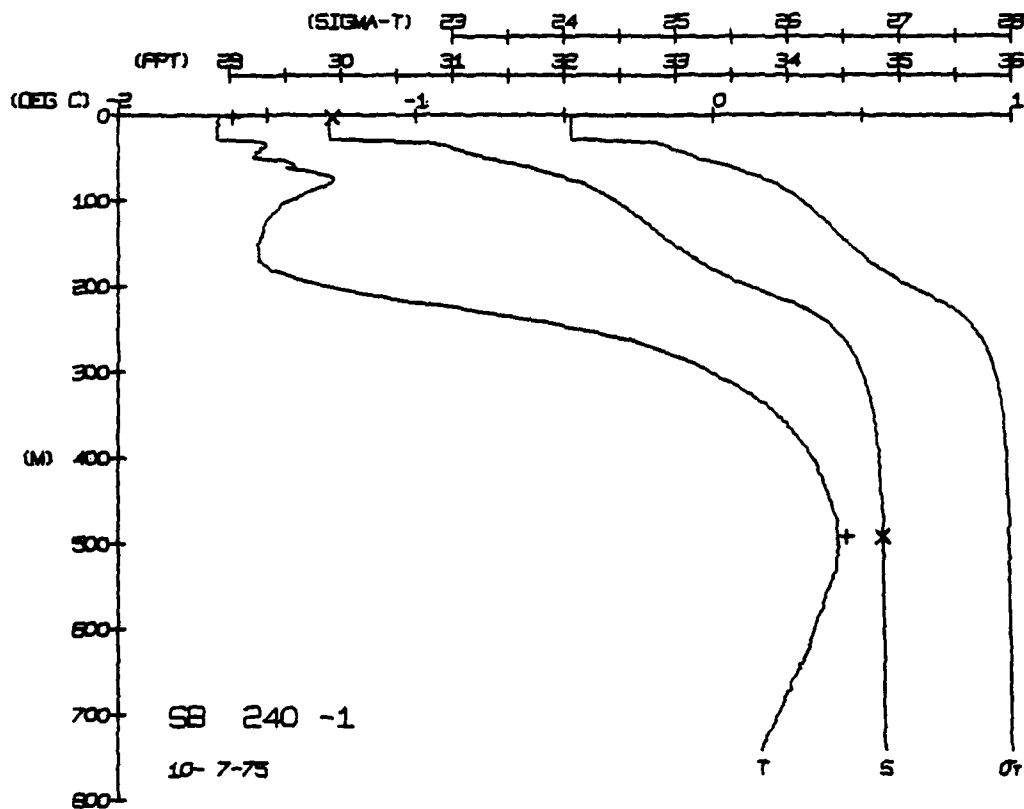
SNOWBIRD STATION 237(1) CTD 4/OCT/1975 1800 GMT CUDF = 2
LAT = 74.2247N LNG = 141.7619W LTR = 2 LGER = 3
AIR TEMP = -10.8 BAROM = 1018.0 WIND = 105.5 SPEED = 73.1

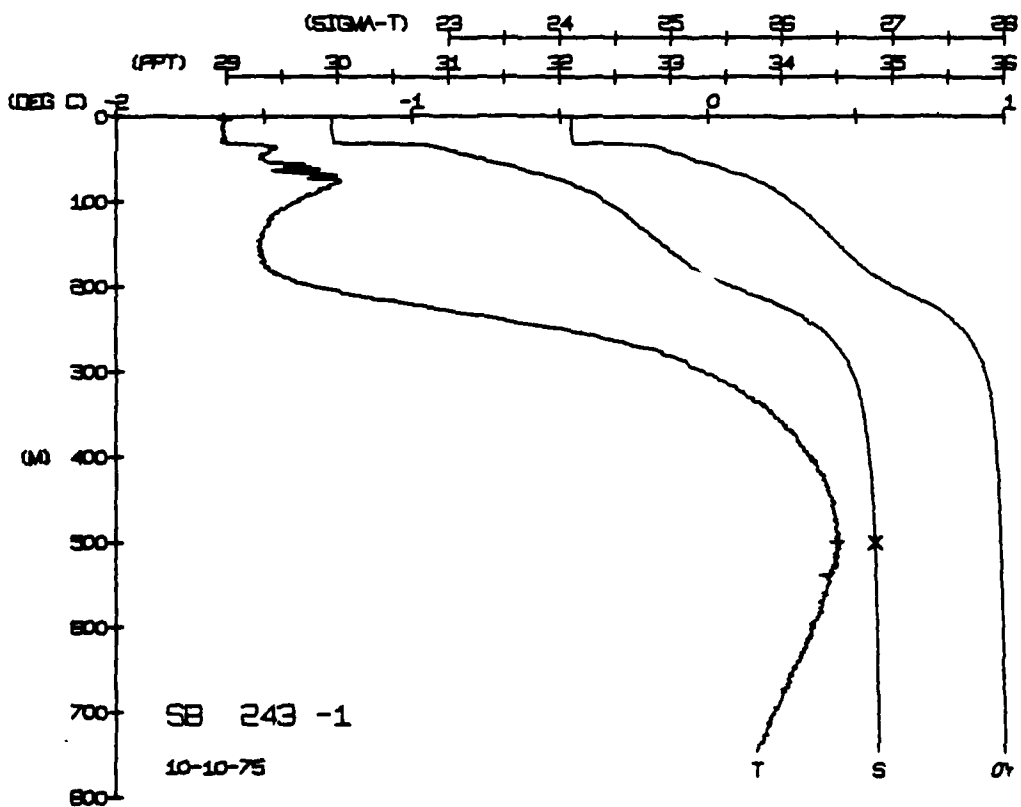
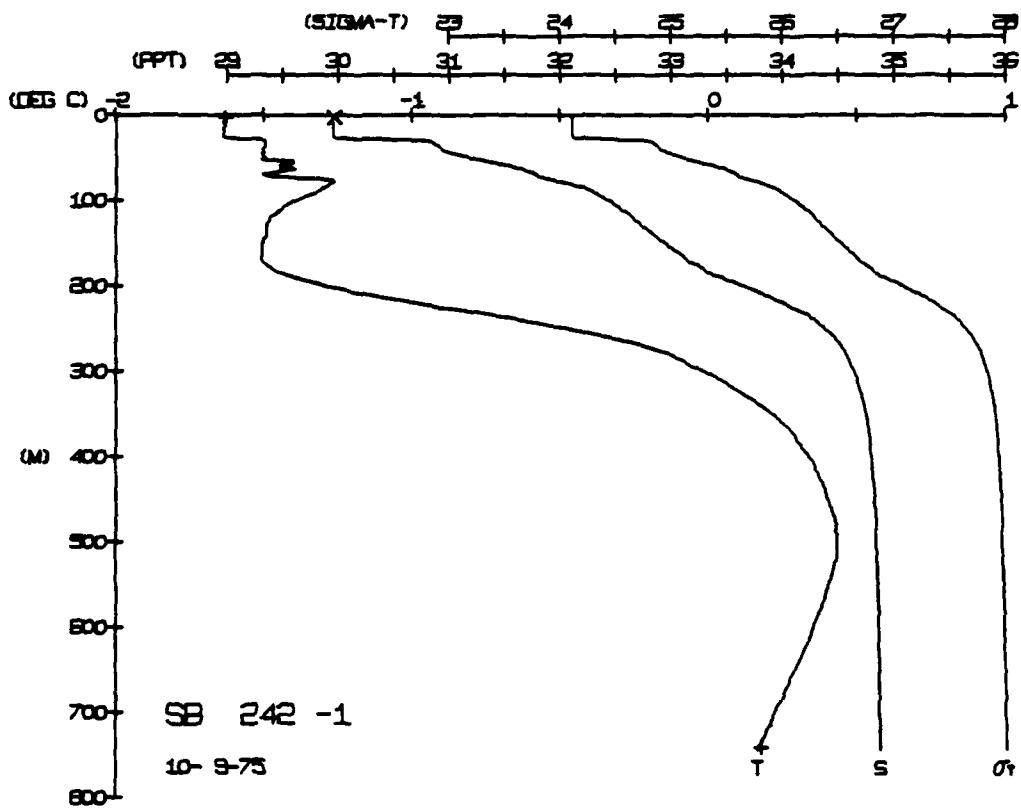
DEPTH	TEMP	PTMP	SALIN	SIG F	SPVL	DYNHT	SOUND
0	60	60	29.90	4.06	0	00	1434
1	60	60	29.90	4.06	385.9	00	1434
2	60	60	29.90	4.06	385.8	00	1434
3	60	60	29.90	4.06	385.7	00	1434
4	60	60	29.90	4.06	385.6	00	1434
5	60	60	29.90	4.06	385.5	00	1434
6	60	60	29.90	4.06	385.4	00	1434
7	60	60	29.90	4.06	385.3	00	1434
8	60	60	29.90	4.06	385.2	00	1434
9	60	60	29.90	4.06	385.1	00	1434
10	60	60	29.90	4.06	385.0	00	1434
11	60	60	29.90	4.06	384.9	00	1434
12	60	60	29.90	4.06	384.8	00	1434
13	60	60	29.90	4.06	384.7	00	1434
14	60	60	29.90	4.06	384.6	00	1434
15	60	60	29.90	4.06	384.5	00	1434
16	60	60	29.90	4.06	384.4	00	1434
17	60	60	29.90	4.06	384.3	00	1434
18	60	60	29.90	4.06	384.2	00	1434
19	60	60	29.90	4.06	384.1	00	1434
20	60	60	29.90	4.06	384.0	00	1434
21	60	60	29.90	4.06	383.9	00	1434
22	60	60	29.90	4.06	383.8	00	1434
23	60	60	29.90	4.06	383.7	00	1434
24	60	60	29.90	4.06	383.6	00	1434
25	60	60	29.90	4.06	383.5	00	1434
26	60	60	29.90	4.06	383.4	00	1434
27	60	60	29.90	4.06	383.3	00	1434
28	60	60	29.90	4.06	383.2	00	1434
29	60	60	29.90	4.06	383.1	00	1434
30	60	60	29.90	4.06	383.0	00	1434
31	60	60	29.90	4.06	382.9	00	1434
32	60	60	29.90	4.06	382.8	00	1434
33	60	60	29.90	4.06	382.7	00	1434
34	60	60	29.90	4.06	382.6	00	1434
35	60	60	29.90	4.06	382.5	00	1434
36	60	60	29.90	4.06	382.4	00	1434
37	60	60	29.90	4.06	382.3	00	1434
38	60	60	29.90	4.06	382.2	00	1434
39	60	60	29.90	4.06	382.1	00	1434
40	60	60	29.90	4.06	382.0	00	1434
41	60	60	29.90	4.06	381.9	00	1434
42	60	60	29.90	4.06	381.8	00	1434
43	60	60	29.90	4.06	381.7	00	1434
44	60	60	29.90	4.06	381.6	00	1434
45	60	60	29.90	4.06	381.5	00	1434
46	60	60	29.90	4.06	381.4	00	1434
47	60	60	29.90	4.06	381.3	00	1434
48	60	60	29.90	4.06	381.2	00	1434
49	60	60	29.90	4.06	381.1	00	1434
50	60	60	29.90	4.06	381.0	00	1434
51	60	60	29.90	4.06	380.9	00	1434
52	60	60	29.90	4.06	380.8	00	1434
53	60	60	29.90	4.06	380.7	00	1434
54	60	60	29.90	4.06	380.6	00	1434
55	60	60	29.90	4.06	380.5	00	1434
56	60	60	29.90	4.06	380.4	00	

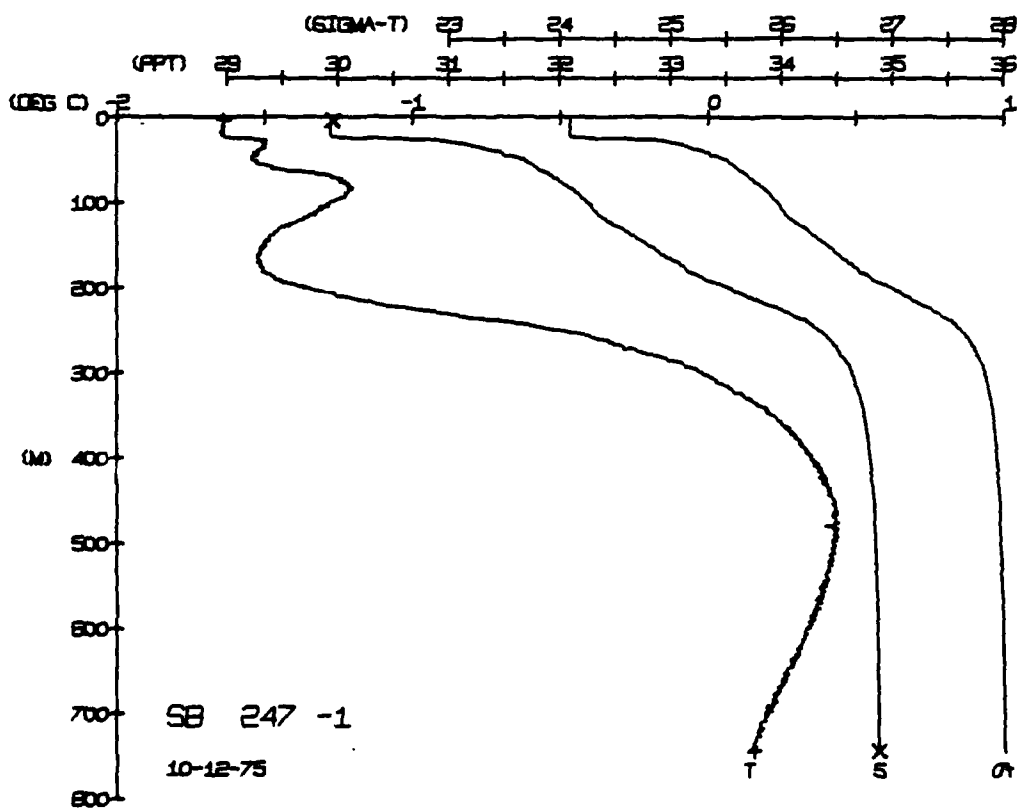
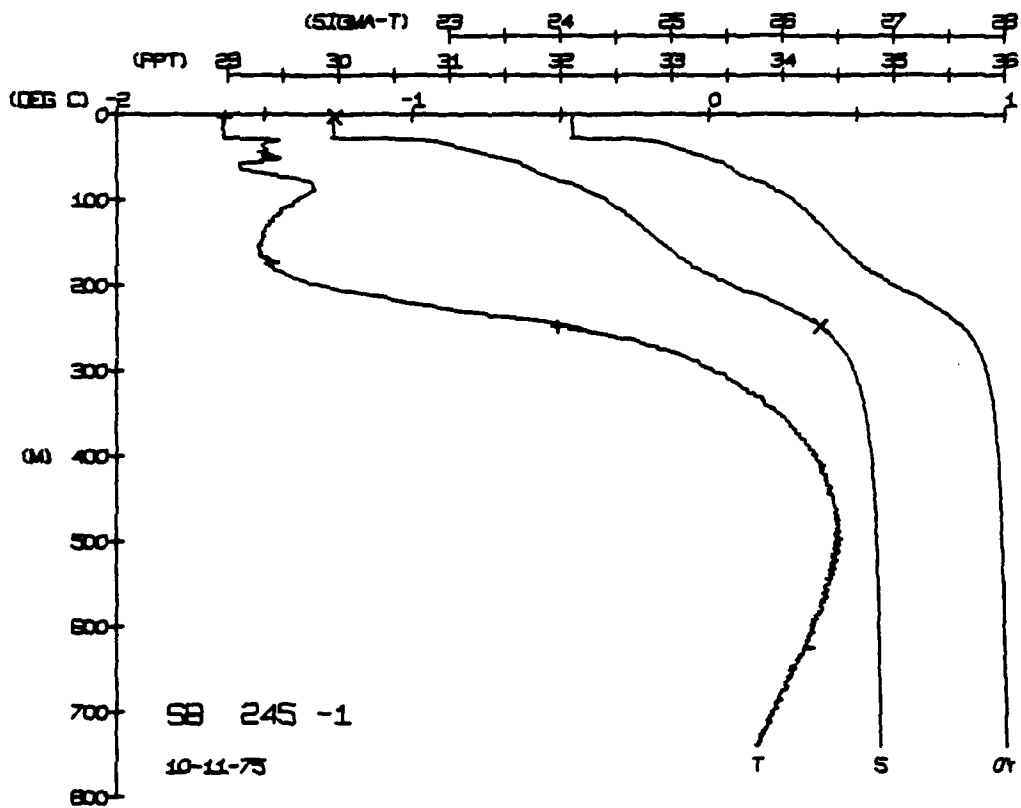
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.80	62.22	62.22	92.92	8.08	5.44	0.00	5.67
0.45	62.22	62.22	92.92	8.08	5.44	0.00	5.67
1.05	62.22	62.22	92.92	8.08	5.44	0.00	5.67
2.25	62.22	62.22	92.92	8.08	5.44	0.00	5.67
3.45	62.22	62.22	92.92	8.08	5.44	0.00	5.67
4.55	62.22	62.22	92.92	8.08	5.44	0.00	5.67
5.65	62.22	62.22	92.92	8.08	5.44	0.00	5.67
6.75	62.22	62.22	92.92	8.08	5.44	0.00	5.67
7.80	62.22	62.22	92.92	8.08	5.44	0.00	5.67
8.90	62.22	62.22	92.92	8.08	5.44	0.00	5.67
10.00	62.22	62.22	92.92	8.08	5.44	0.00	5.67
11.20	62.22	62.22	92.92	8.08	5.44	0.00	5.67
12.30	62.22	62.22	92.92	8.08	5.44	0.00	5.67
13.40	62.22	62.22	92.92	8.08	5.44	0.00	5.67
14.50	62.22	62.22	92.92	8.08	5.44	0.00	5.67
15.60	62.22	62.22	92.92	8.08	5.44	0.00	5.67
16.70	62.22	62.22	92.92	8.08	5.44	0.00	5.67
17.80	62.22	62.22	92.92	8.08	5.44	0.00	5.67
18.90	62.22	62.22	92.92	8.08	5.44	0.00	5.67
20.00	62.22	62.22	92.92	8.08	5.44	0.00	5.67
21.20	62.22	62.22	92.92	8.08	5.44	0.00	5.67
22.30	62.22	62.22	92.92	8.08	5.44	0.00	5.67
23.40	62.22	62.22	92.92	8.08	5.44	0.00	5.67
24.50	62.22	62.22	92.92	8.08	5.44	0.00	5.67
25.60	62.22	62.22	92.92	8.08	5.44	0.00	5.67
26.70	62.22	62.22	92.92	8.08	5.44	0.00	5.67
27.80	62.22	62.22	92.92	8.08	5.44	0.00	5.67
28.90	62.22	62.22	92.92	8.08	5.44	0.00	5.67
30.00	62.22	62.22	92.92	8.08	5.44	0.00	5.67
31.20	62.22	62.22	92.92	8.08	5.44	0.00	5.67
32.30	62.22	62.22	92.92	8.08	5.44	0.00	5.67
33.40	62.22	62.22	92.92	8.08	5.44	0.00	5.67
34.50	62.22	62.22	92.92	8.08	5.44	0.00	5.67
35.60	62.22	62.22	92.92	8.08	5.44	0.00	5.67
36.70	62.22	62.22	92.92	8.08	5.44	0.00	5.67
37.80	62.22	62.22	92.92	8.08	5.44	0.00	5.67
38.90	62.22	62.22	92.92	8.08	5.44	0.00	5.67
40.00	62.22	62.22	92.92	8.08	5.44	0.00	5.67
41.20	62.22	62.22	92.92	8.08	5.44	0.00	5.67
42.30	62.22	62.22	92.92	8.08	5.44	0.00	5.67
43.40	62.22	62.22	92.92	8.08	5.44	0.00	5.67
44.50	62.22	62.22	92.92	8.08	5.44	0.00	5.67
45.60	62.22	62.22	92.92	8.08	5.44	0.00	5.67
46.70	62.22	62.22	92.92	8.08	5.44	0.00	5.67
47.80	62.22	62.22	92.92	8.08	5.44	0.00	5.67
48.90	62.22	62.22	92.92	8.08	5.44	0.00	5.67
50.00	62.22	62.22	92.92	8.08	5.44	0.00	5.67
51.20	62.22	62.22	92.92	8.08	5.44	0.00	5.67
52.30	62.22	62.22	92.92	8.08	5.44	0.00	5.67
53.40							

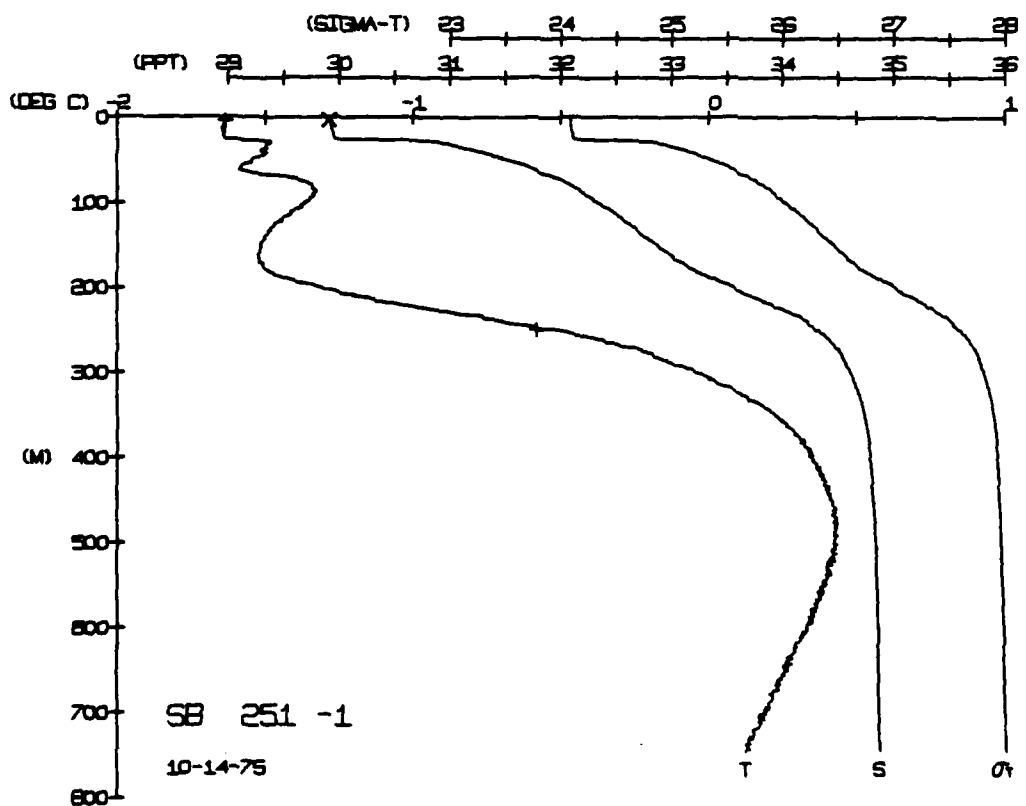
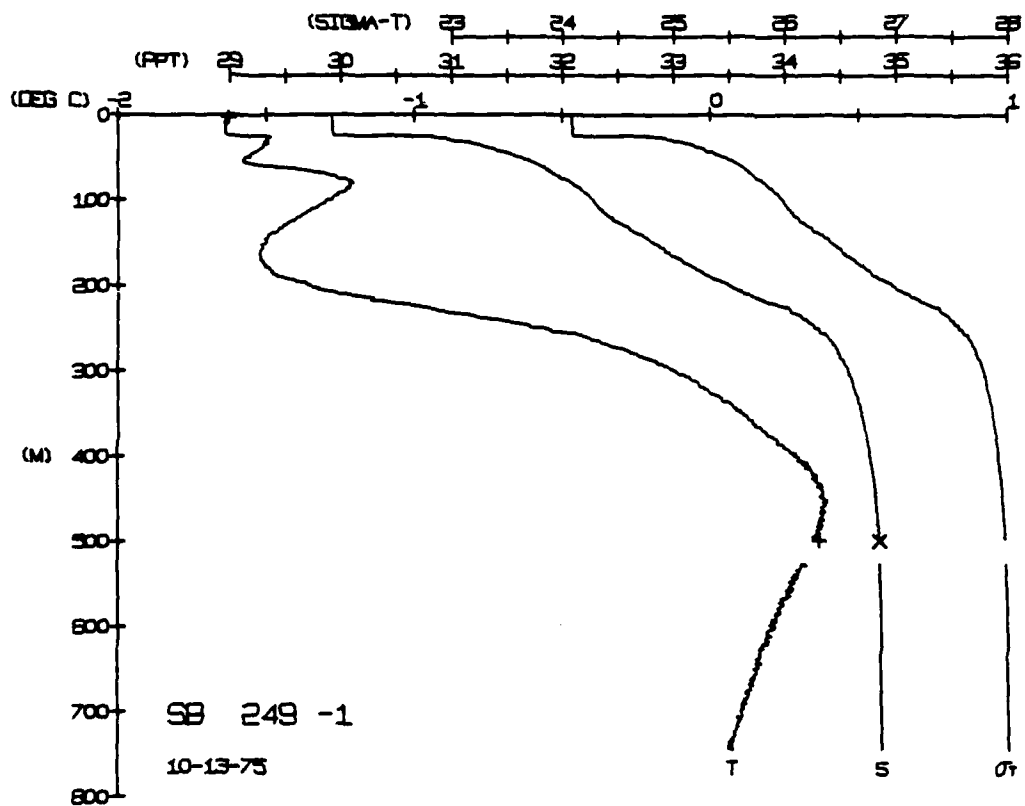


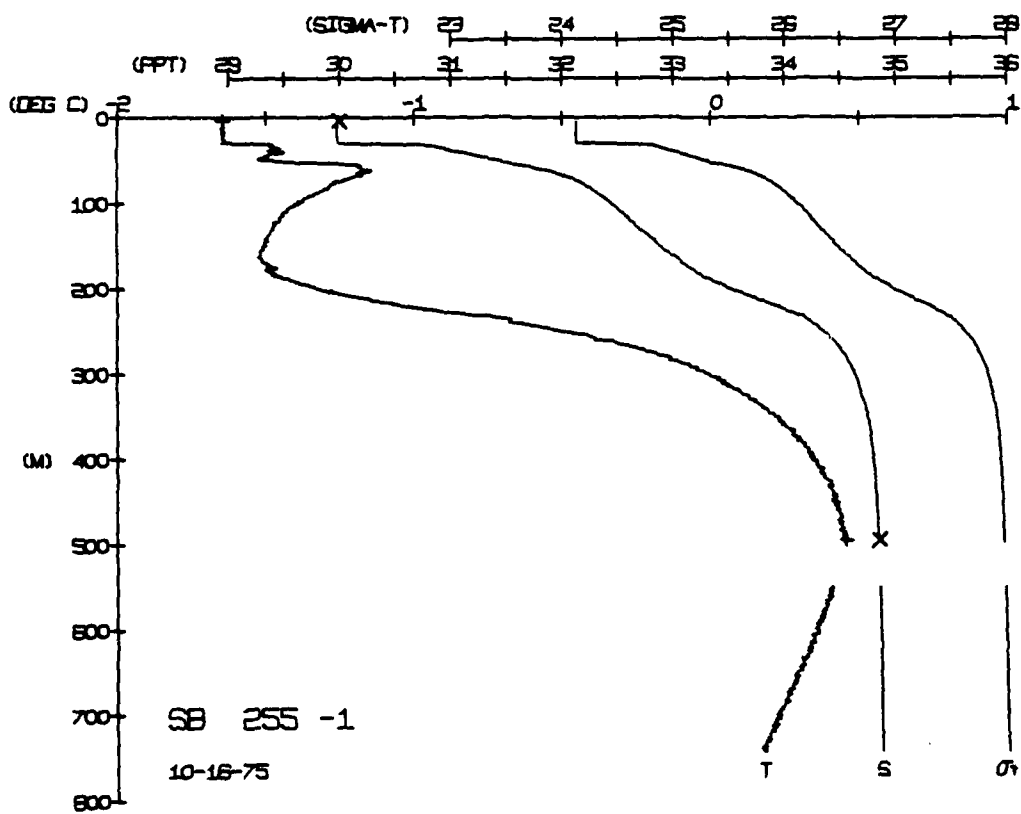
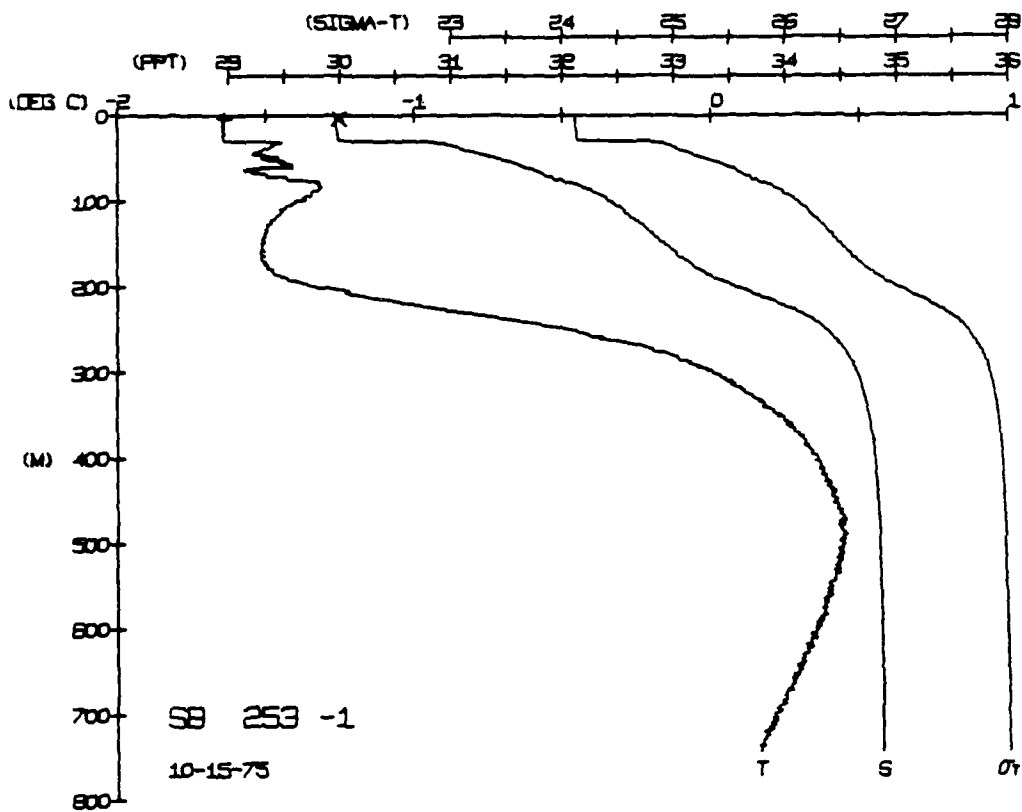










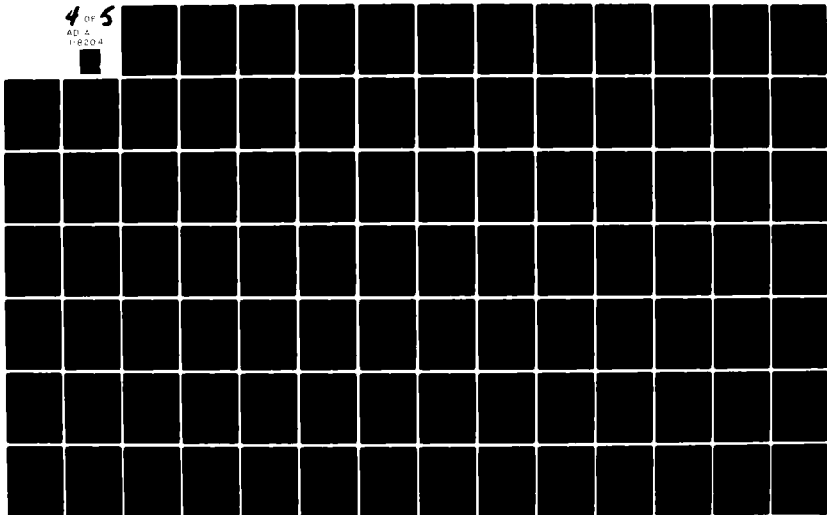


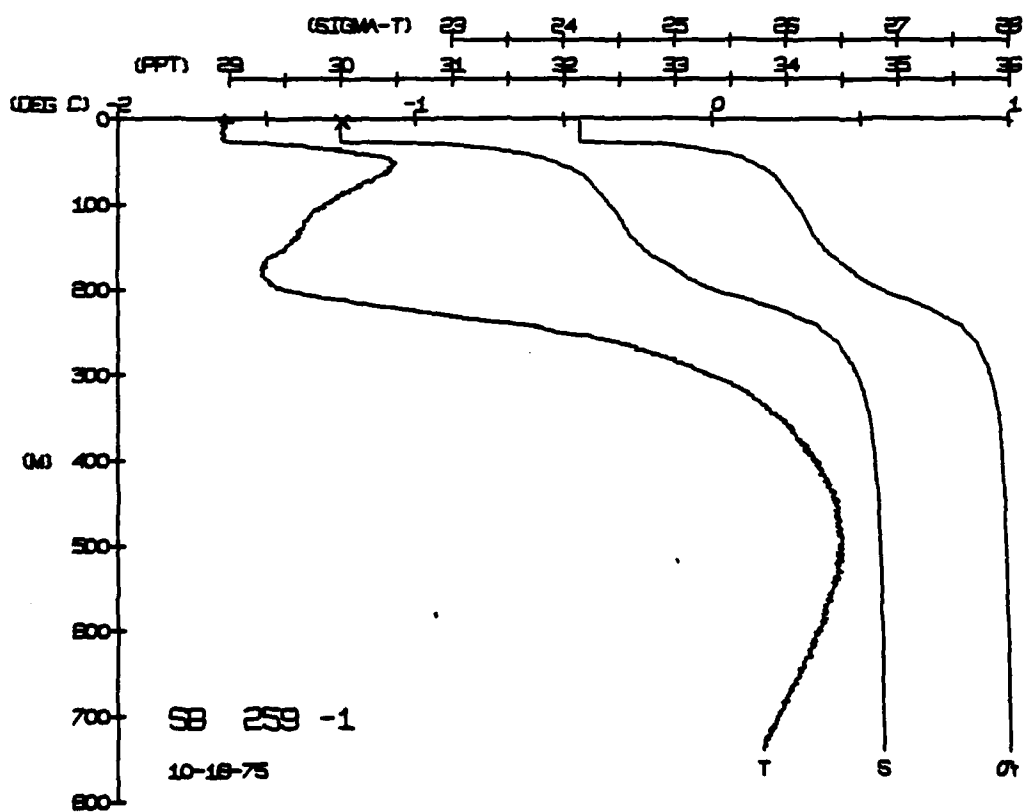
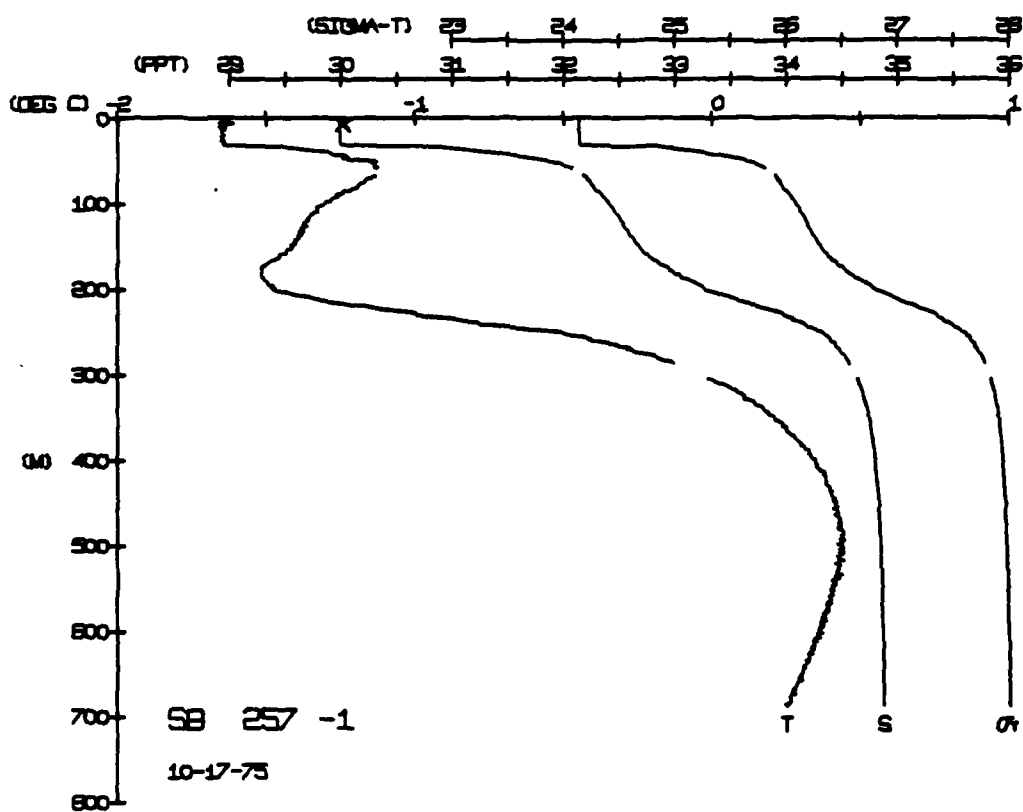
AD-A118 204

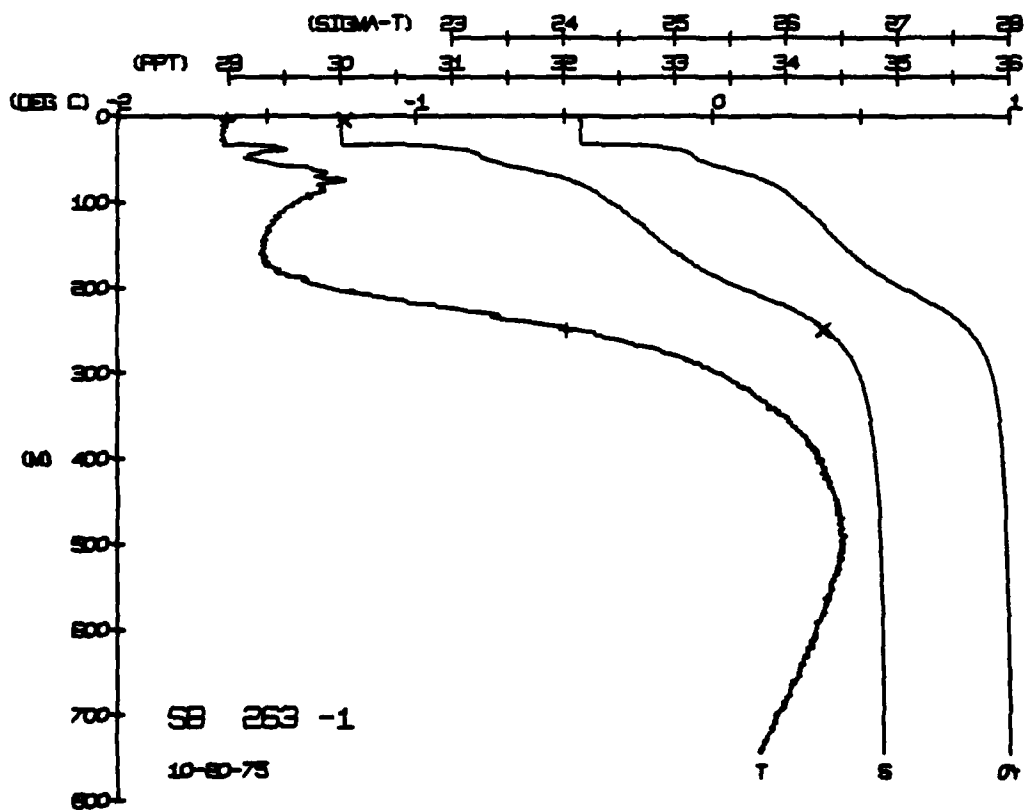
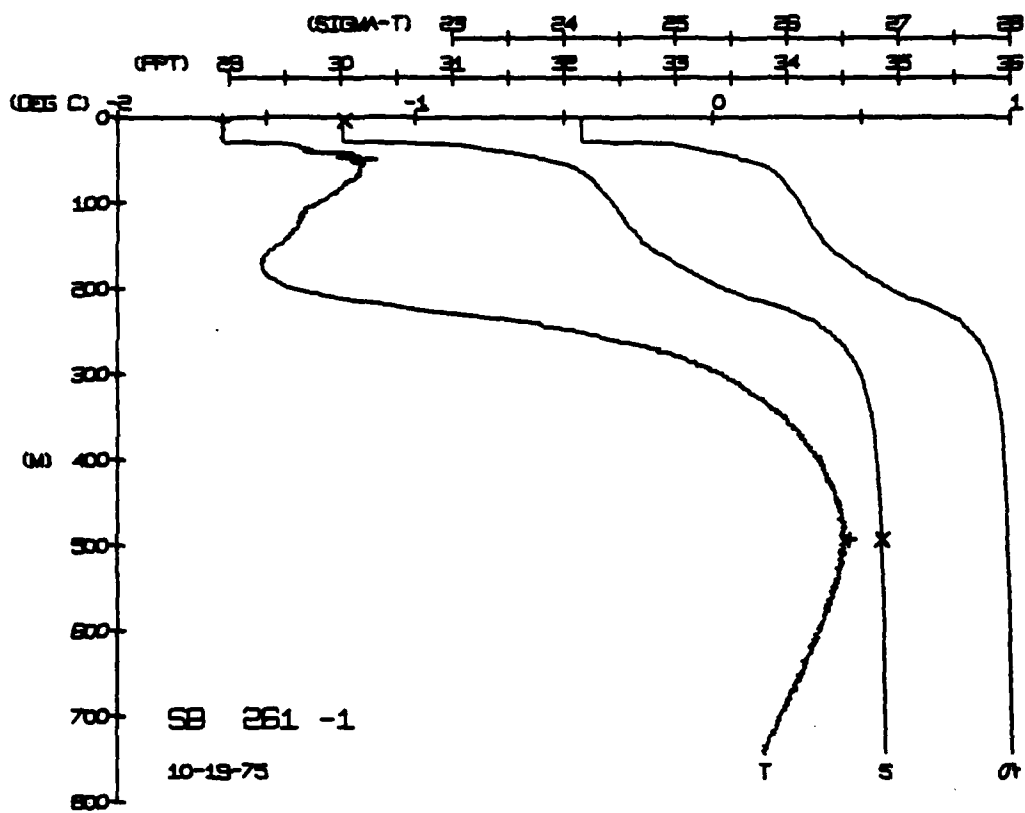
LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY F/G 8/10
ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976. PHYSICAL OCEANO--ETC(U)
FEB 80 E BAUER, K HUNKINS, T O MANLEY N00014-76-C-0004
LDGO-CU-10-80 NL

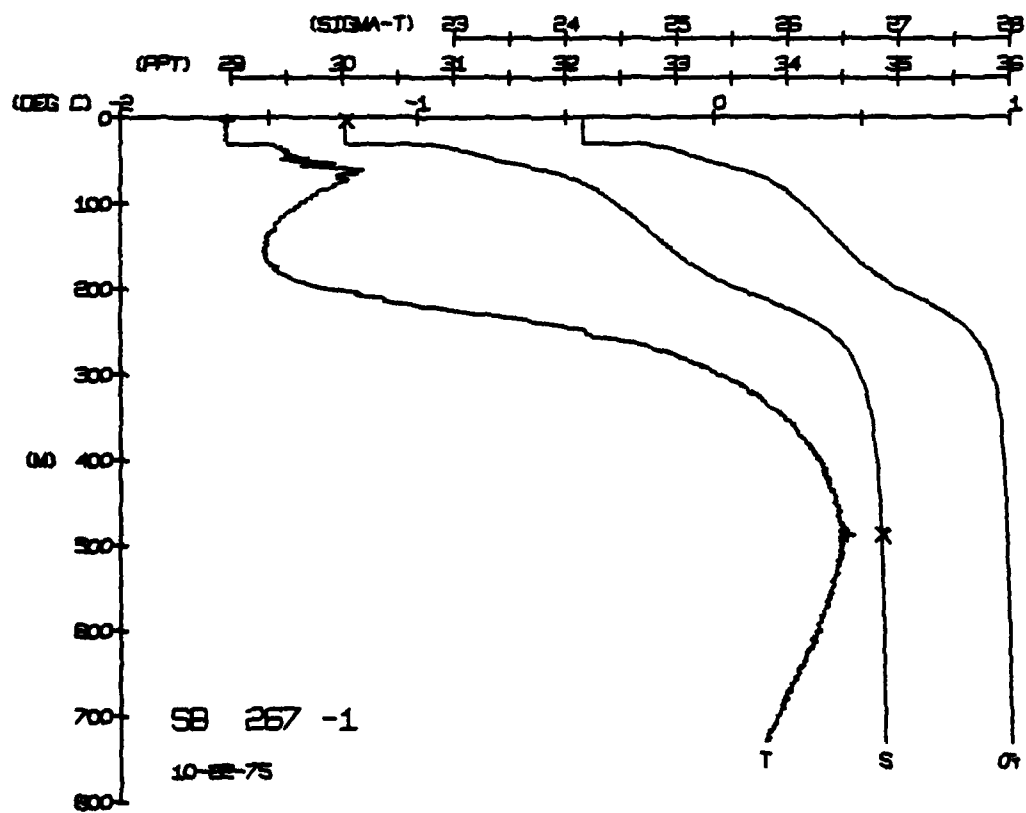
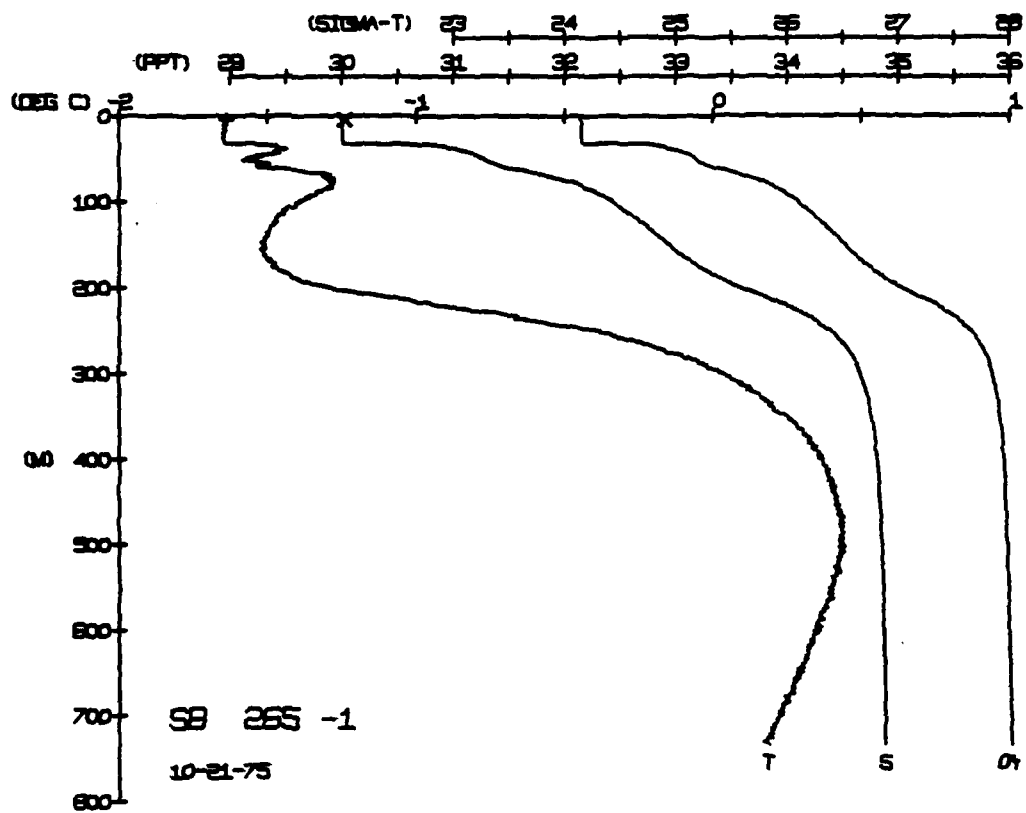
UNCLASSIFIED

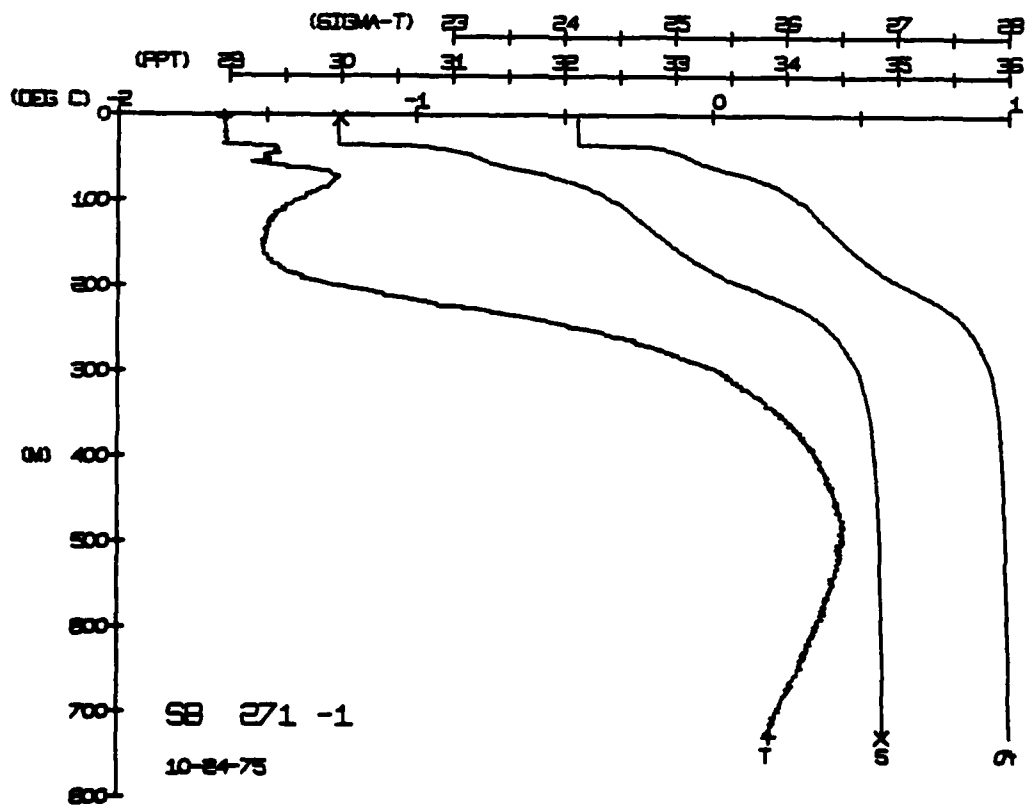
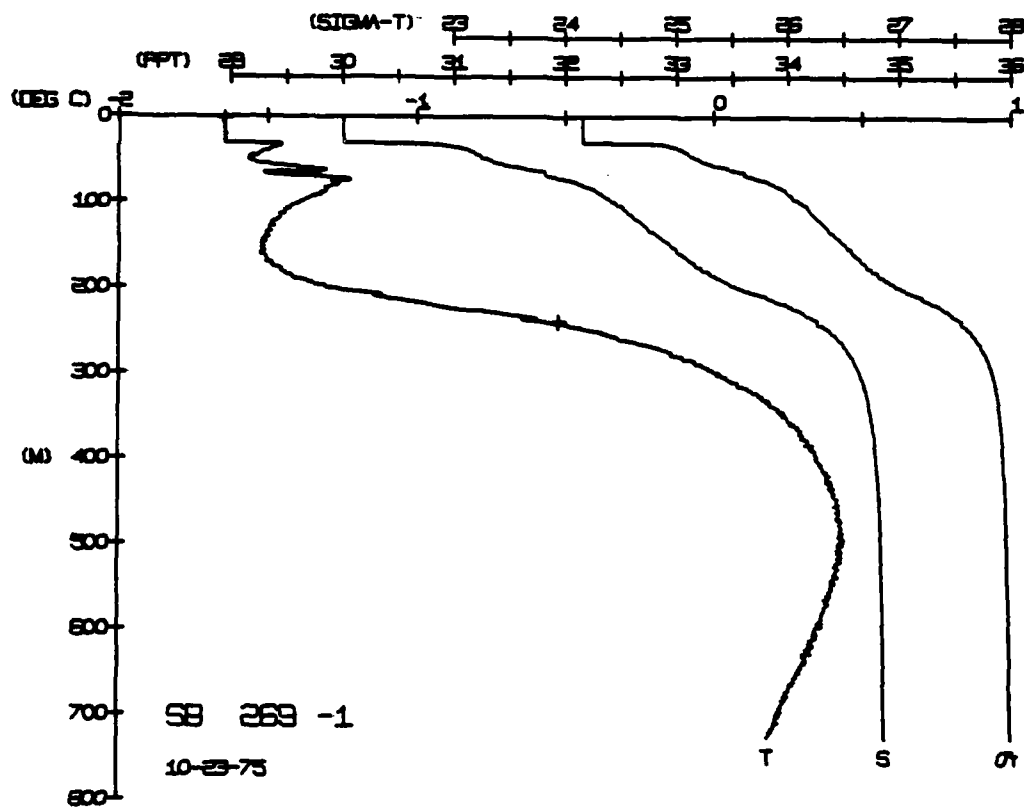
4 OF 5
AD A
1-820-4

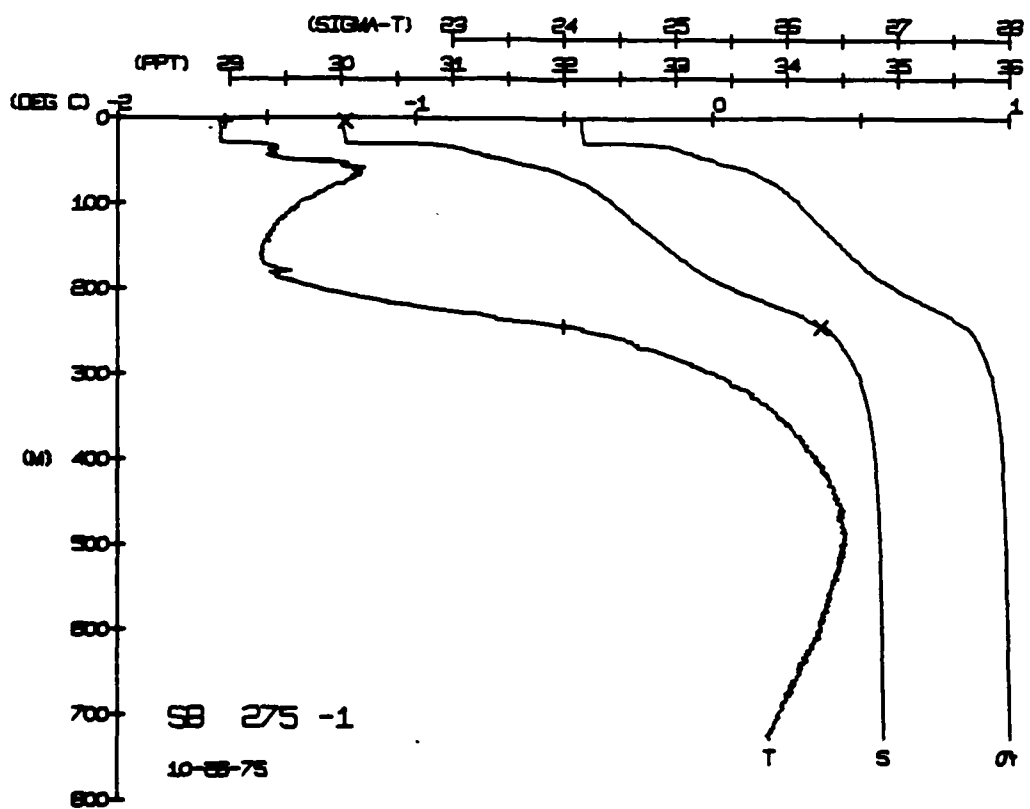
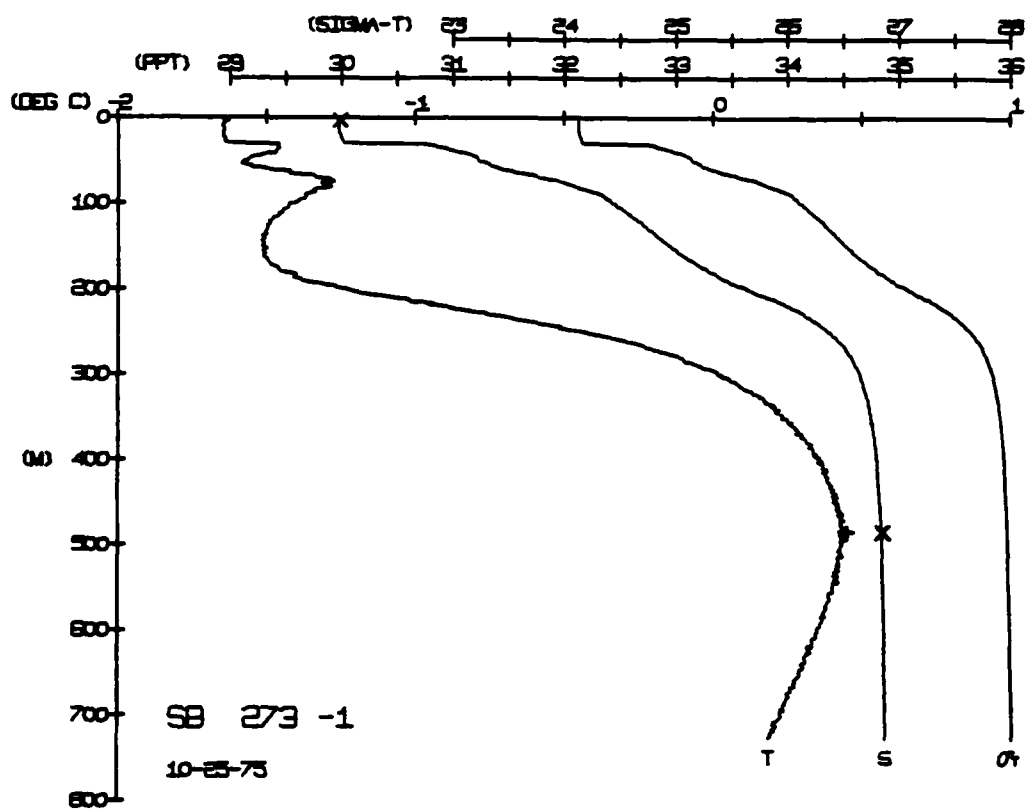


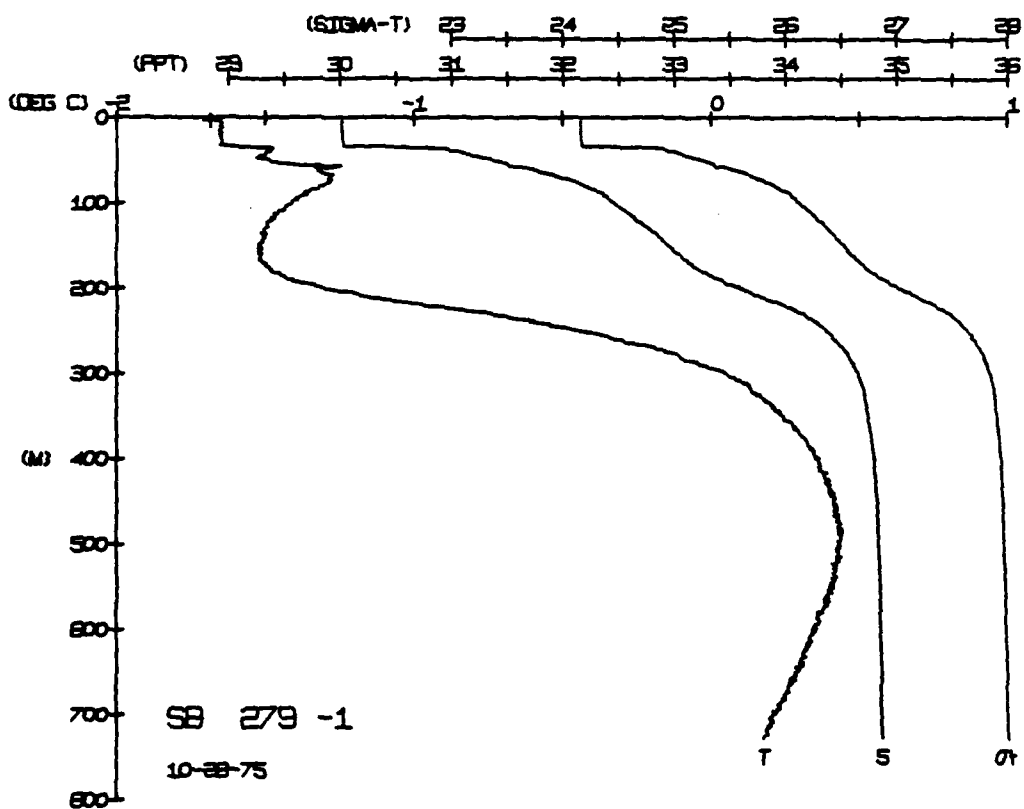
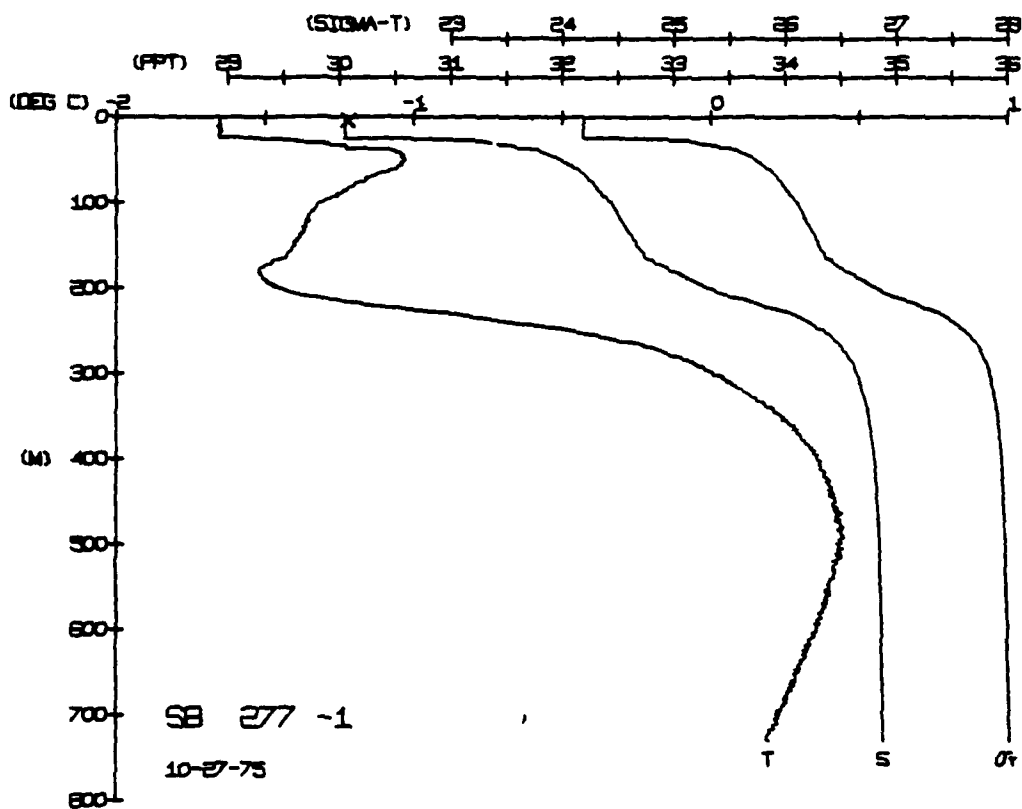












SNOWBIRD STATION 283(1) CTD 30/OCT/1975 1800 GMT CODE = 1
LAT = 73.6080N LNG = 143.0649W LTER = 2. LGER = 3.
AIR TEMP = BAROM = 1017.3 WIND = SPEED =

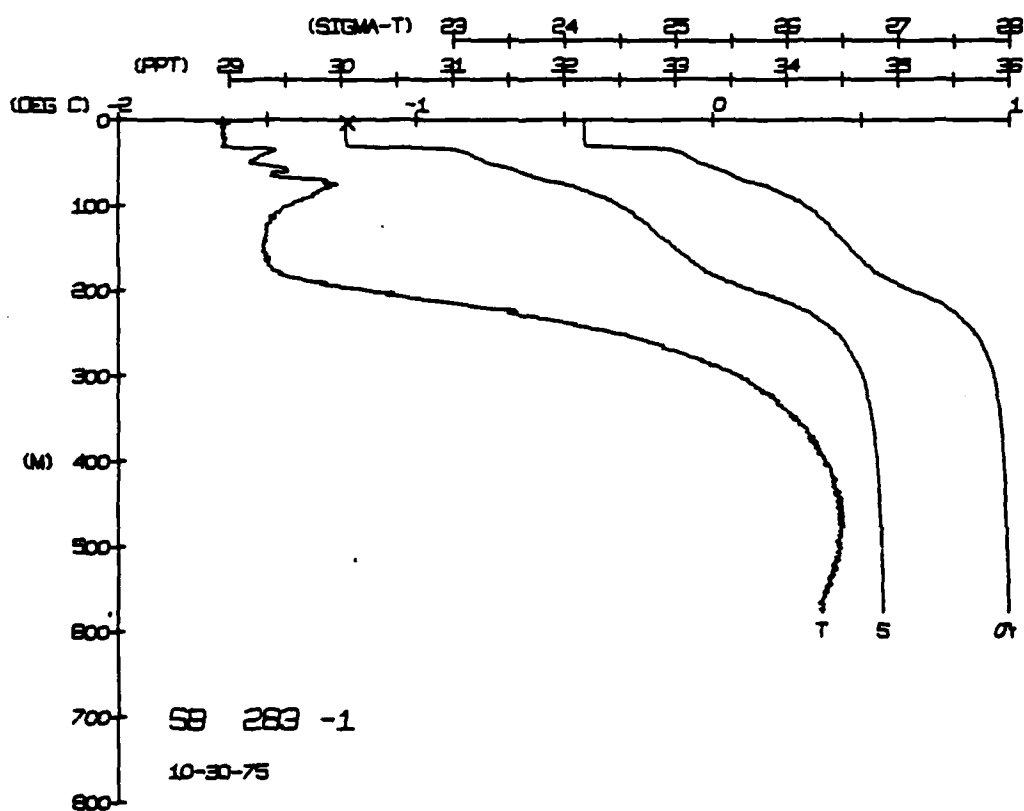
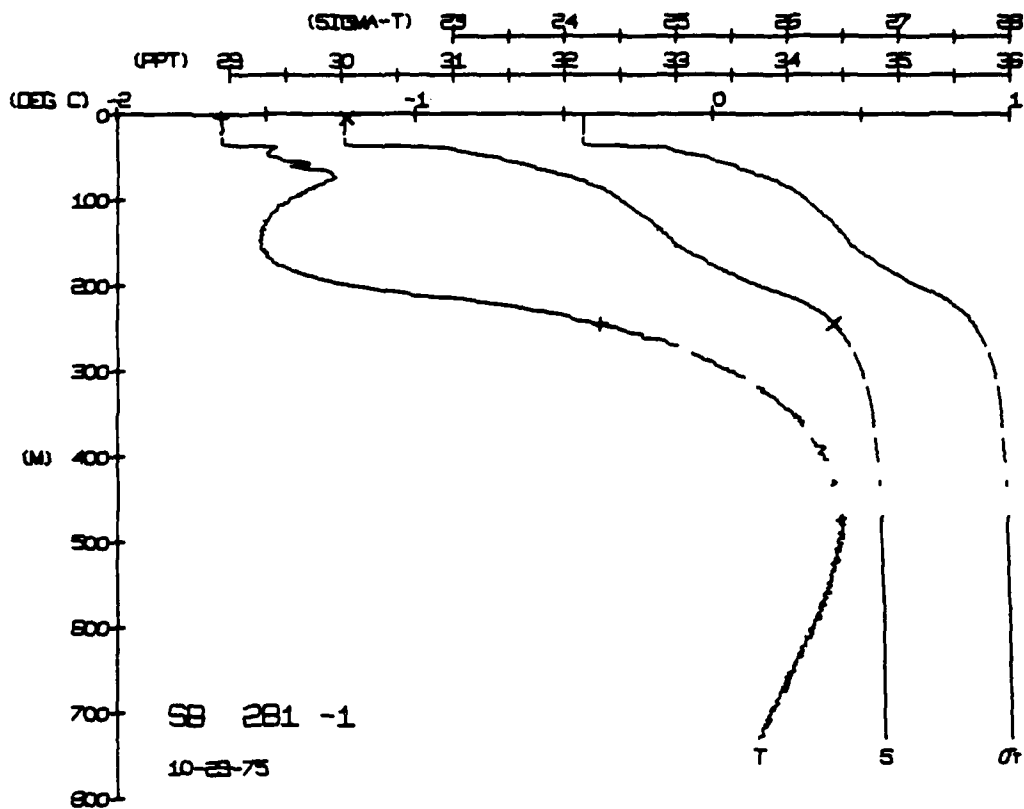
STATION 281(1) CTD 29/0CT/1975 1800 GMT CUIDE = 1
LAT = 73.7436N LNG = 143.1552W LTER = 0. LGER = 0.
AIR TEMP = 1022.6 WIND = SPEED =

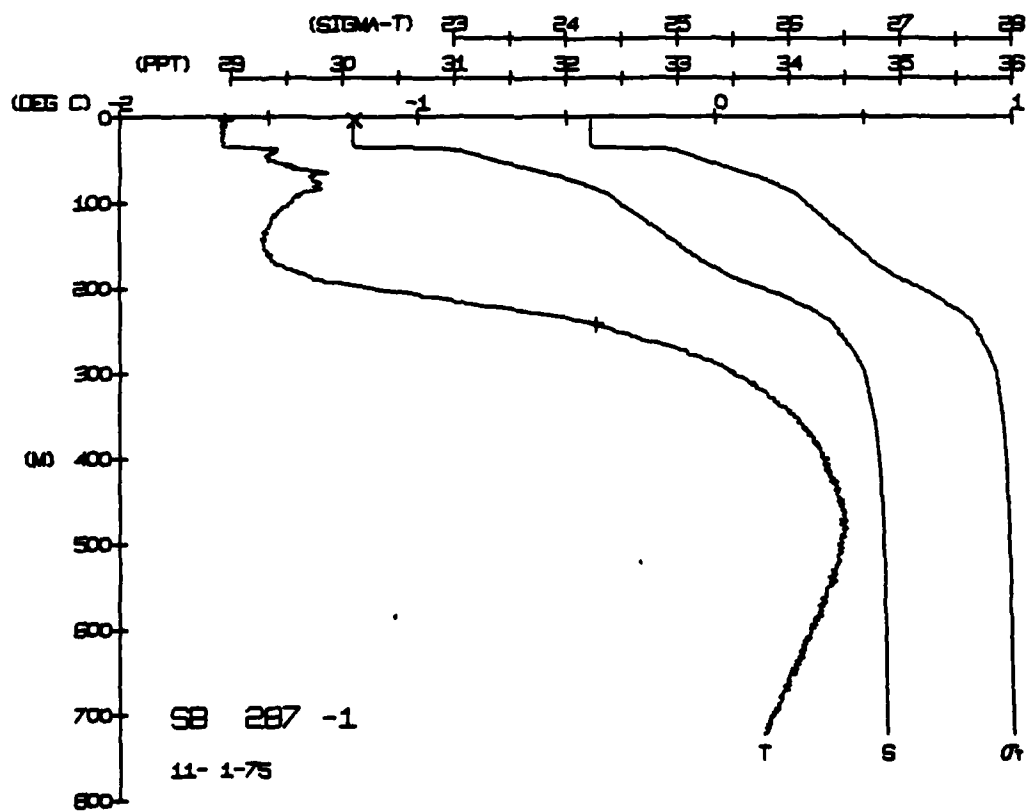
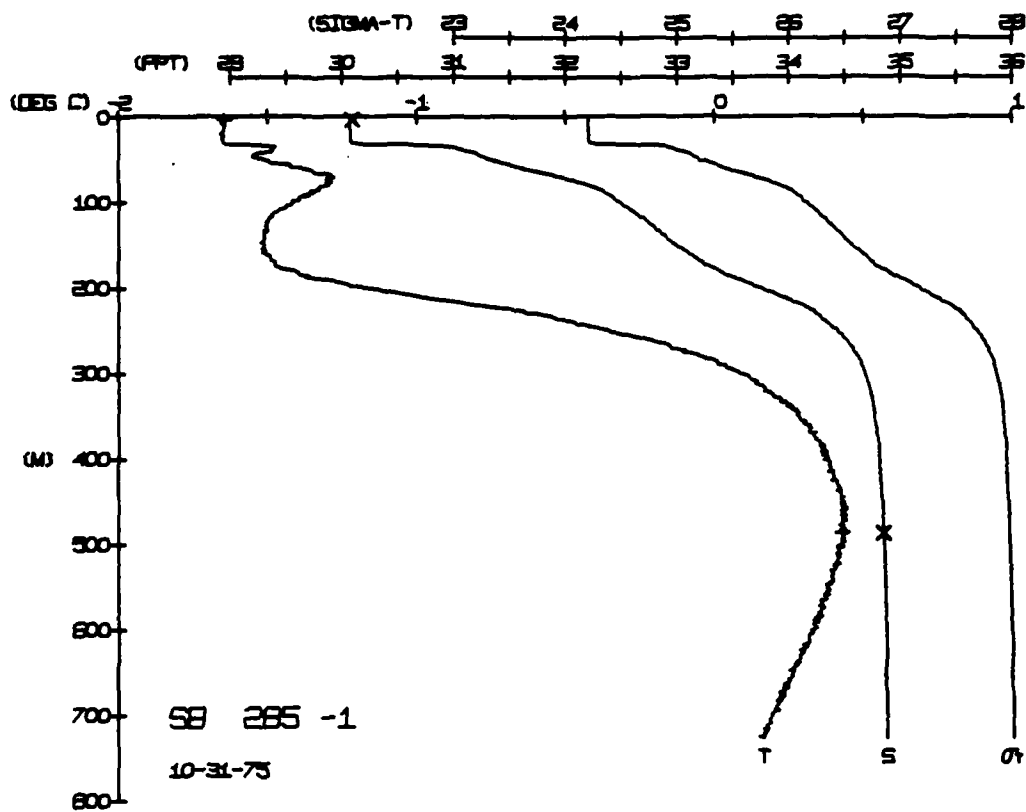
[illegible]

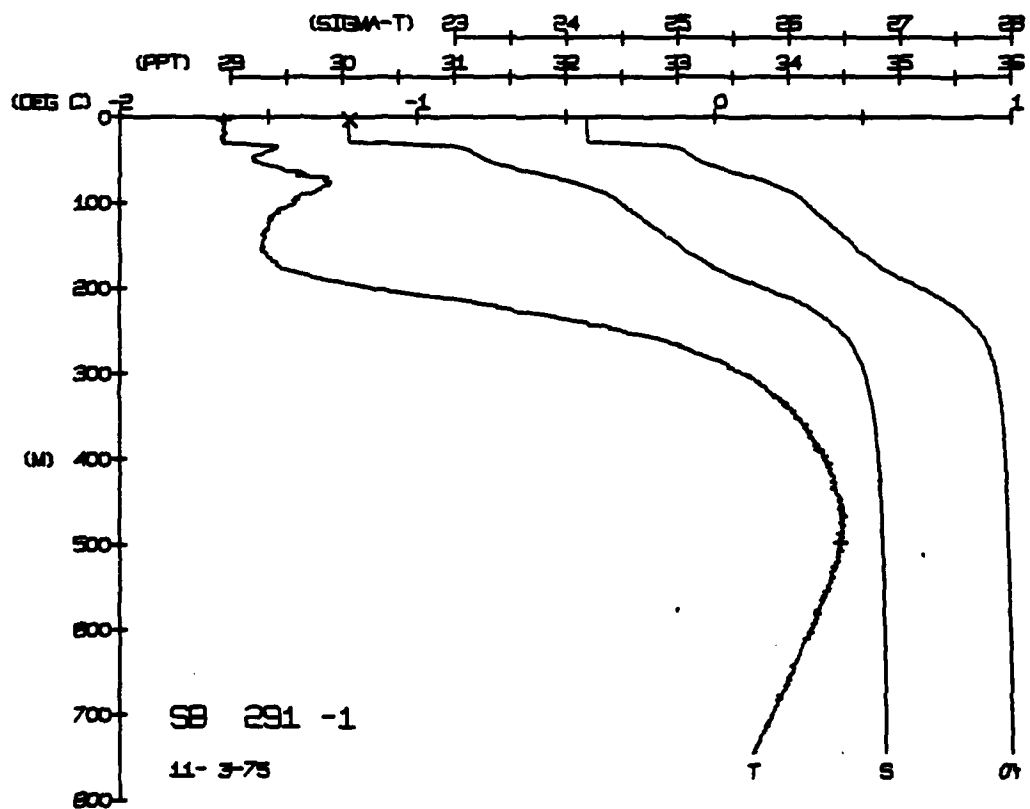
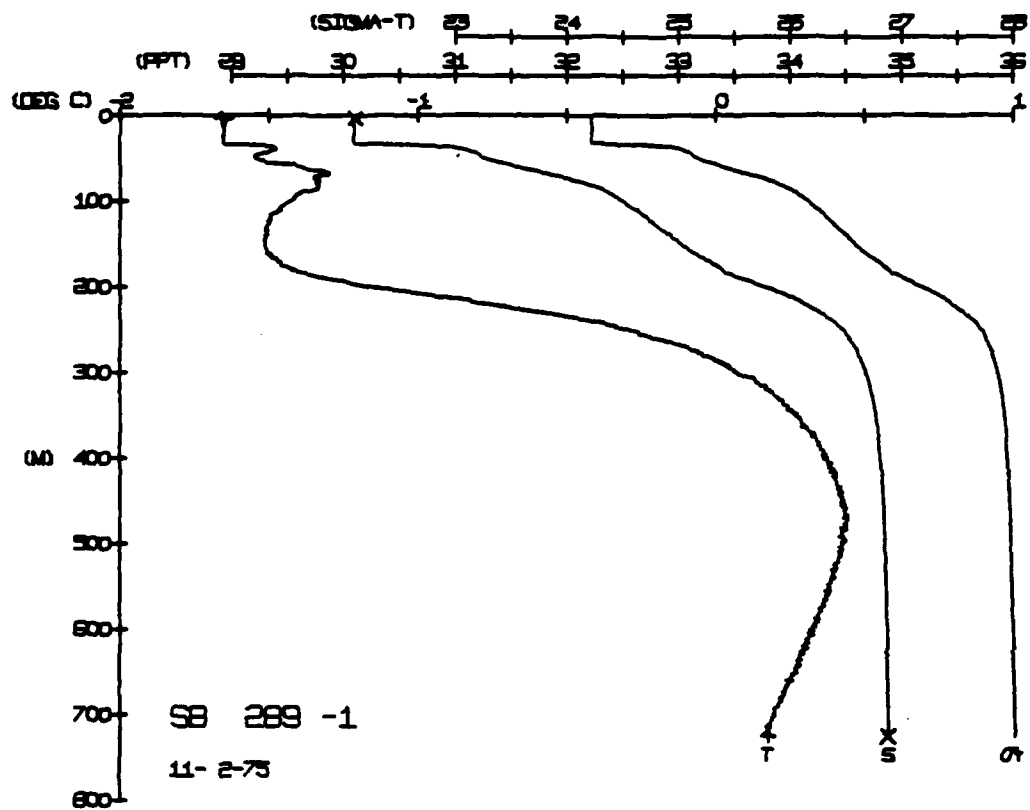
ROF NUM = 1	DEPTH	TEMP.	SALIN
HOT NUM = 2	3.2	-1.65	30.05
	725.4	0.17	14.89

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	LYNHT	SOUND
0	55	55	03	17	00	00	5
1	65	65	00	17	00	00	6
2	66	66	00	17	00	00	6
3	66	66	00	17	00	00	6
4	66	66	00	17	00	00	6
5	66	66	00	17	00	00	6
6	66	66	00	17	00	00	6
7	66	66	00	17	00	00	6
8	66	66	00	17	00	00	6
9	66	66	00	17	00	00	6
10	66	66	00	17	00	00	6
11	66	66	00	17	00	00	6
12	66	66	00	17	00	00	6
13	66	66	00	17	00	00	6
14	66	66	00	17	00	00	6
15	66	66	00	17	00	00	6
16	66	66	00	17	00	00	6
17	66	66	00	17	00	00	6
18	66	66	00	17	00	00	6
19	66	66	00	17	00	00	6
20	66	66	00	17	00	00	6
21	66	66	00	17	00	00	6
22	66	66	00	17	00	00	6
23	66	66	00	17	00	00	6
24	66	66	00	17	00	00	6
25	66	66	00	17	00	00	6
26	66	66	00	17	00	00	6
27	66	66	00	17	00	00	6
28	66	66	00	17	00	00	6
29	66	66	00	17	00	00	6
30	66	66	00	17	00	00	6
31	66	66	00	17	00	00	6
32	66	66	00	17	00	00	6
33	66	66	00	17	00	00	6
34	66	66	00	17	00	00	6
35	66	66	00	17	00	00	6
36	66	66	00	17	00	00	6
37	66	66	00	17	00	00	6
38	66	66	00	17	00	00	6
39	66	66	00	17	00	00	6
40	66	66	00	17	00	00	6
41	66	66	00	17	00	00	6
42	66	66	00	17	00	00	6
43	66	66	00	17	00	00	6
44	66	66	00	17	00	00	6
45	66	66	00	17	00	00	6
46	66	66	00	17	00	00	6
47	66	66	00	17	00	00	6
48	66	66	00	17	00	00	6
49	66	66	00	17	00	00	6
50	66	66	00	17	00	00	6
51	66	66	00	17	00	00	6
52	66	66	00	17	00	00	6
53	66	66	00	17	00	00	6
54	66	66	00	17	00	00	6
55	66	66	00	17	00	00	6
56	66	66	00	17	00	00	6
57	66	66	00	17	00	00	6
58	66	66	00	17	00	00	6
59	66	66	00	17	00	00	6
60	66	66	00	17	00	00	6
61	66	66	00	17	00	00	6
62	66	66	00	17	00	00	6
63	66	66	00	17	00	00	6
64	66	66	00	17	00	00	6
65	66	66	00	17	00	00	6

HUT NUM = 1	DEPTH	TEMP.	SALIN
HUT NUM = 2	3.2	-1.65	30.05
	245.1	-0.38	34.42



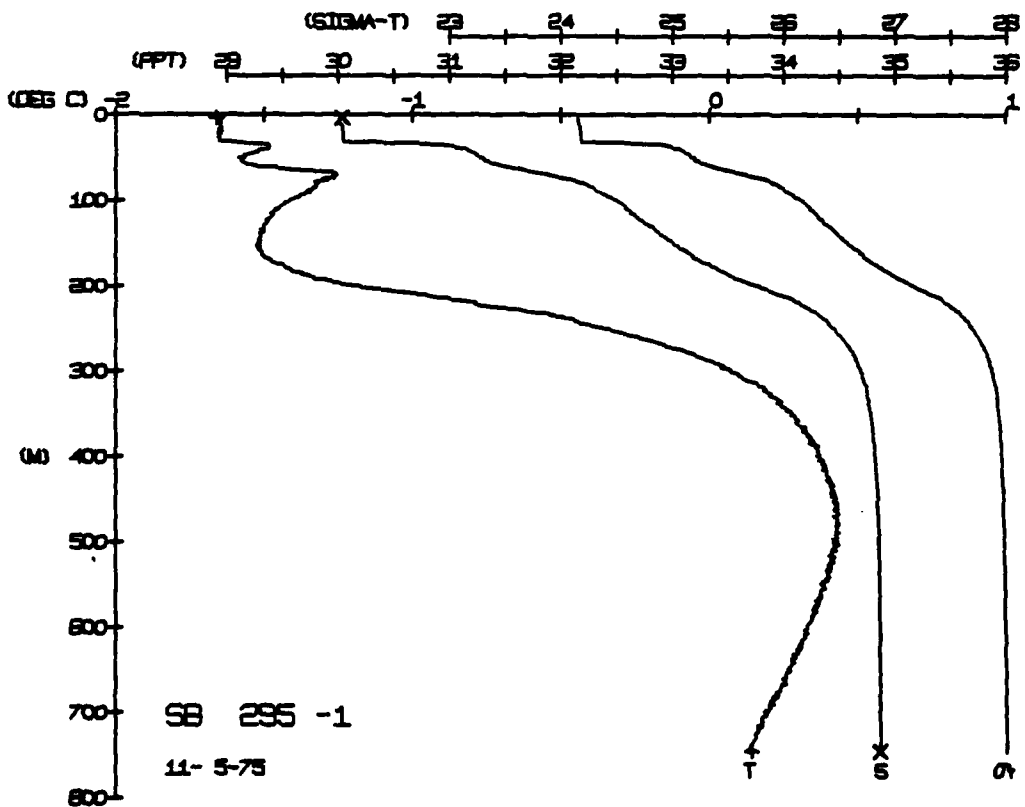
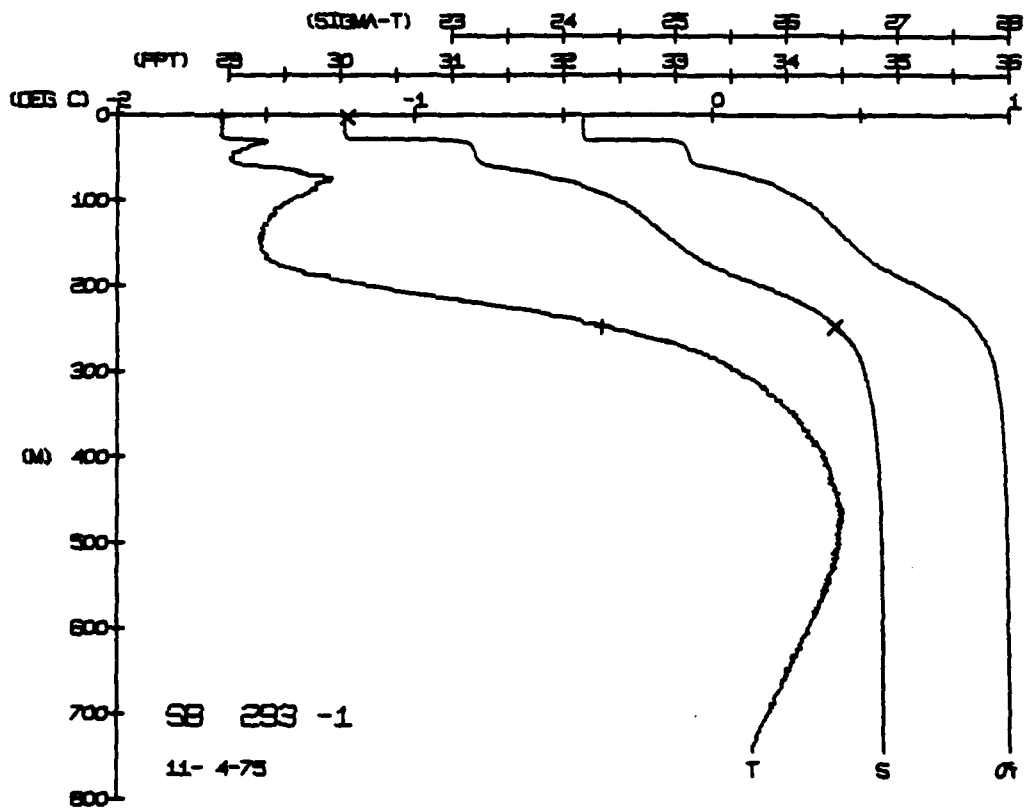




BSNOWBIRD STATION 295(1) CJD 5/NOV/1975 1800 GMT CODE = 1
LAT = 73.6107N LNG = 143.0218W I.TEN = 1 LGER = 2
AIR TEMP = -31.1 BARUM = 999.0 WIND = 17R.2 SPEED = 47.2

[illegible]

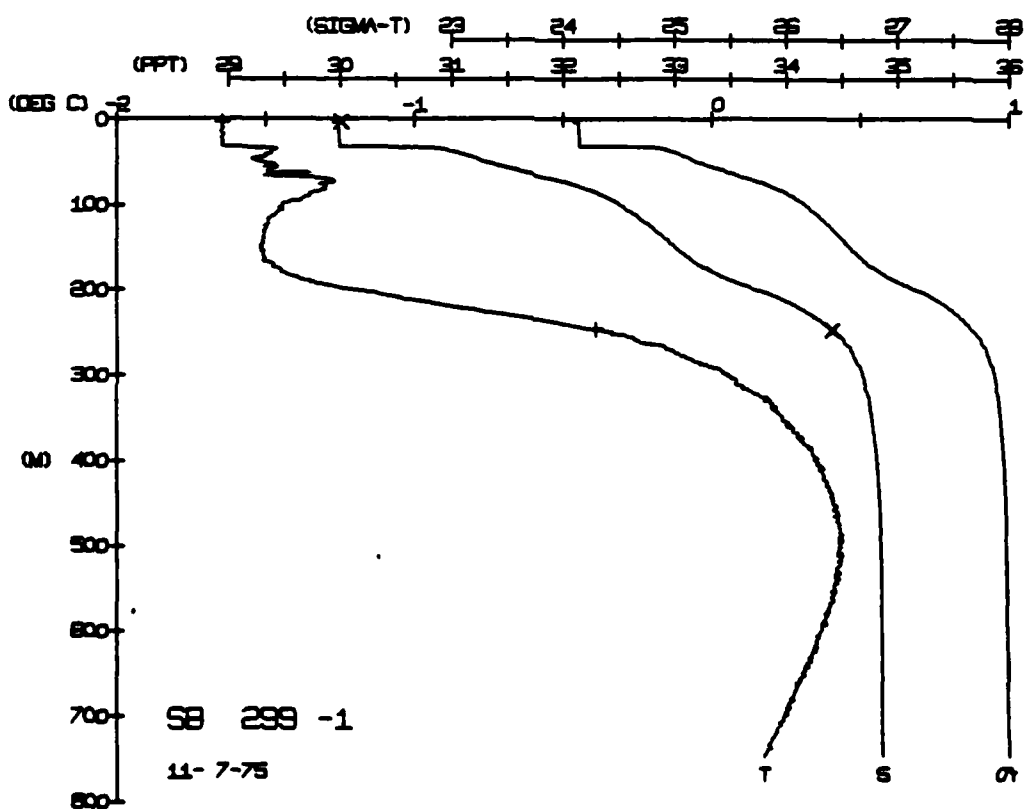
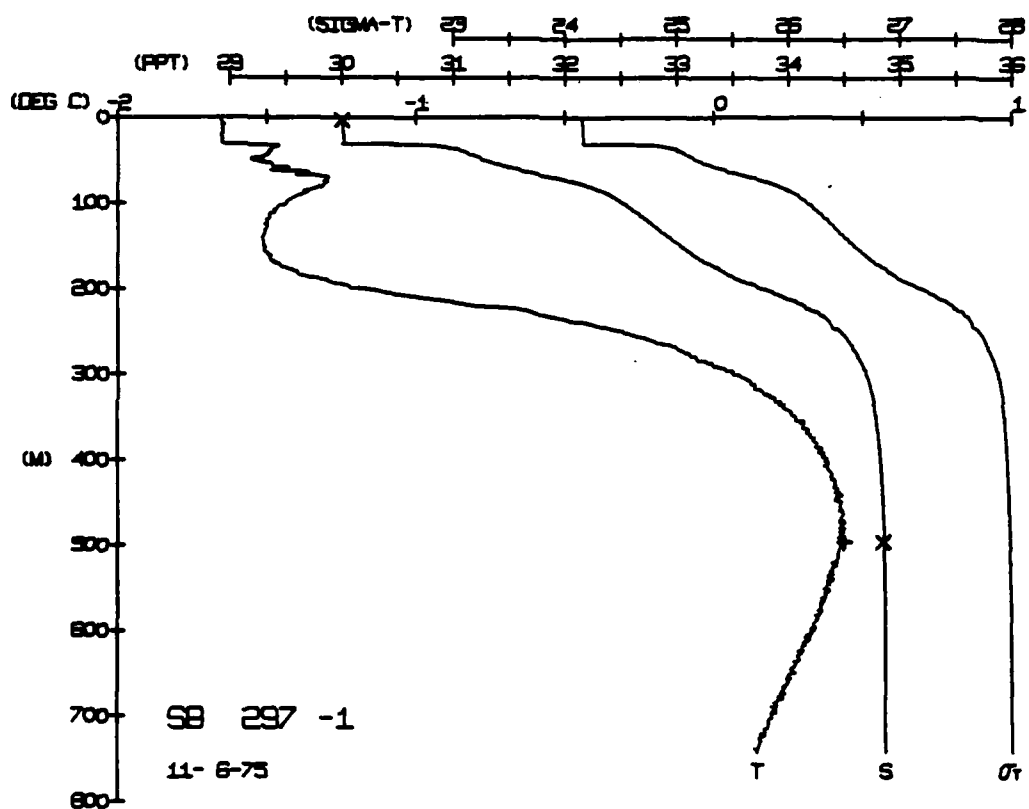
	DEPTH	TEMP.	SALIN
HUT NUM = 1	3.0	-1.66	30.03
BOT NUM = 2	743.9	0.13	34.89



3500 WIND STATION 297(1) CTD 6/NOV/1975 1800 GMT CUDE = 3
LAT = 73.6498N LNC = 142.8237W LTER = 1 LGER = 2
AIR TEMP = -31.1 RAROM = 998.3 WIND = 178.2 SPEED = 47.2

[illegible]

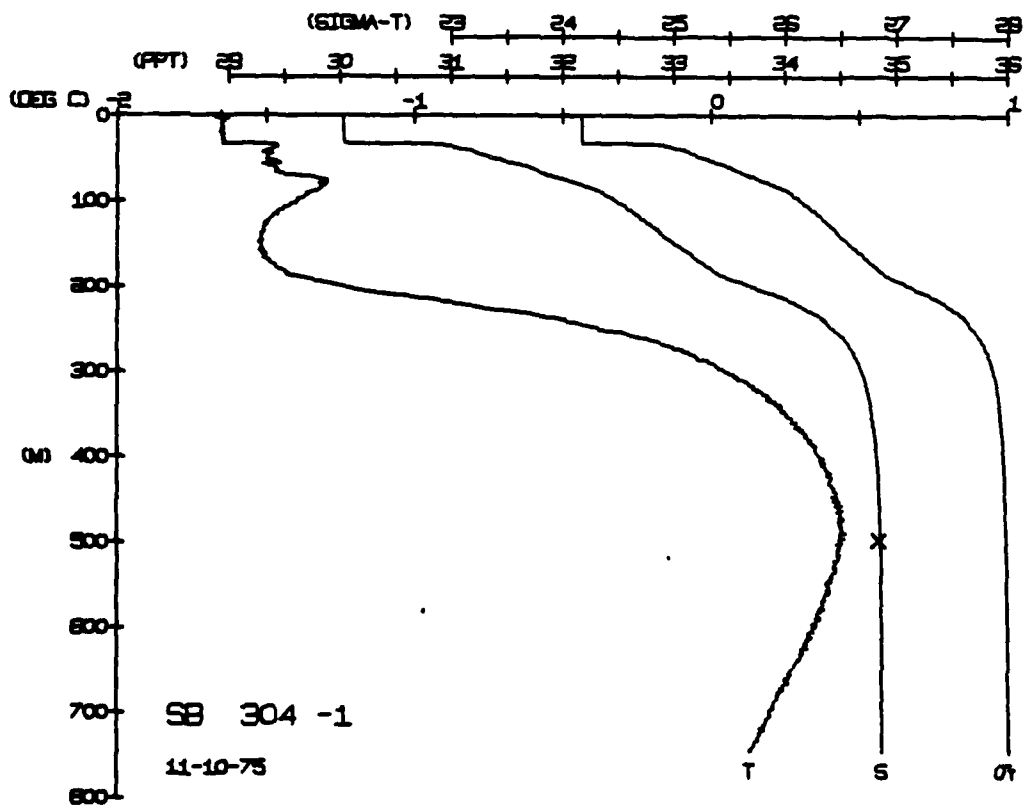
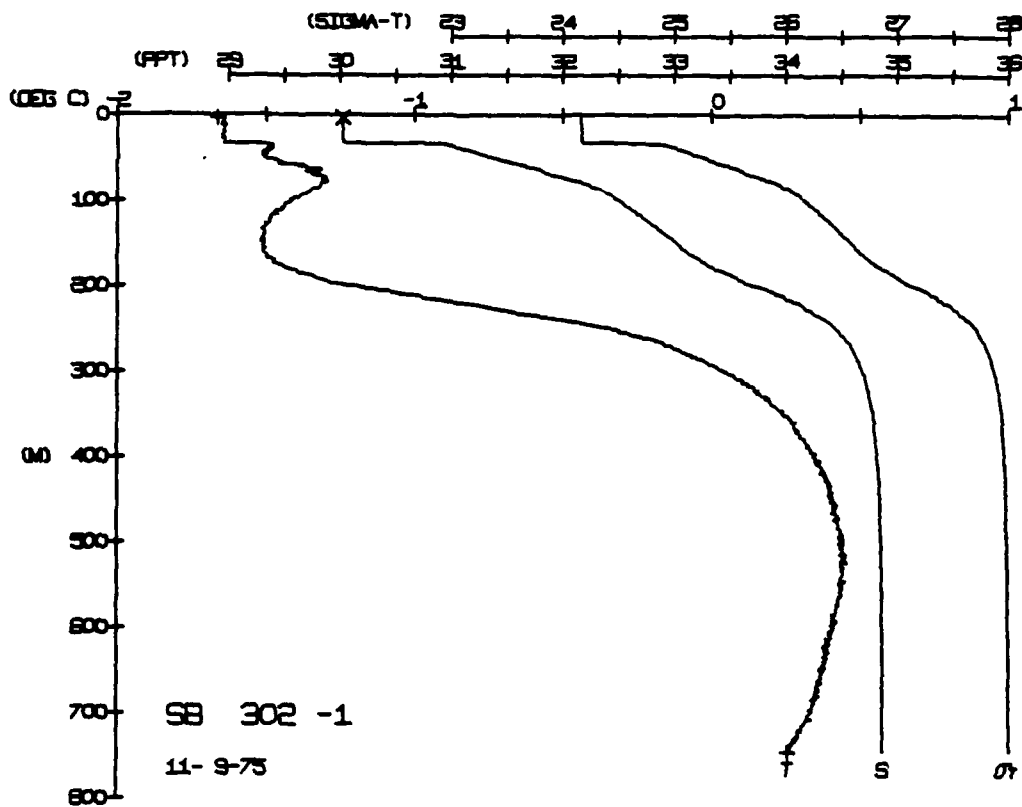
DEPTH	TEMP.	SALIN
3.2		30.00
495.8	0.44	34.86



SMUMHURD STATION 302(1) CTD 9/NOV/1975 1800 GMT CODE = 1
LAT = 73.7002N LNG = 142.5713W LTER = 0. LGER = 0.
RAIN TEMP = 0.0000 DRYUM = 1012.4 WIND = 0. SPEED =

SNOWBIRD STATION 304(1) CTD 10/NOV/1975 1800 GMT CODE = 1
LAT = 73.7208N LNG = 142.5429W UTER = 0 LGER = 0
AIR TEMP = -33.2 BARUM = 1014.9 WIND = 167.7 SPEED = 34.2

[illegible][illegible]

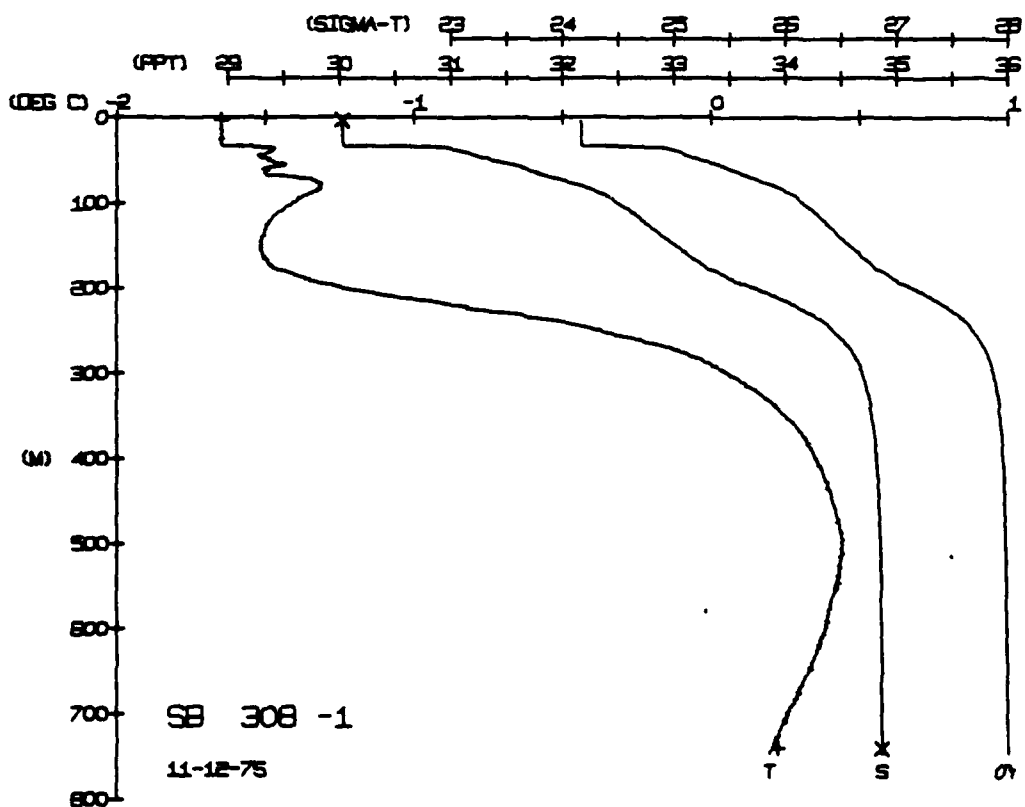
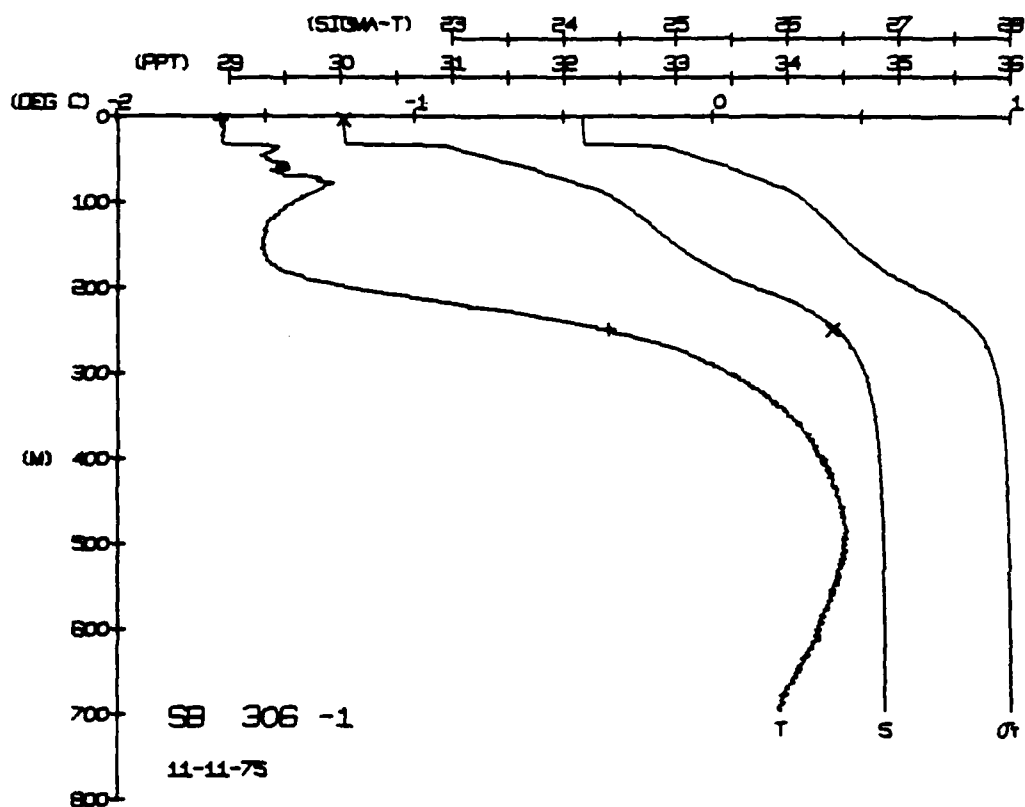


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SSNOWWIND STATION 306(1) CTD 11/MOV/1975 1025 GMT CODE = 1
LAT = 73.7163N LNG = 142.5334W LTER = 1 LGER = 1
WIND = 33.2 BAROM = 1015.5 WIND = 167.1 SPEED = 34.2

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[illegible]



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SSN#BIHD STATION 310(1) CTD 13/NOV/1975 1800 GMT CODE = 1
LAT = 73.6597N LNG = 142.8478W LTER = 0 USER = 0
RAIN TEMP = -31.7 BAROM = 1011.1 WIND = 28.8 SPEED = 54.4
DEPTH TEMP PTEMP SALIN SIG T SPVUL DYNHT SOUND

```

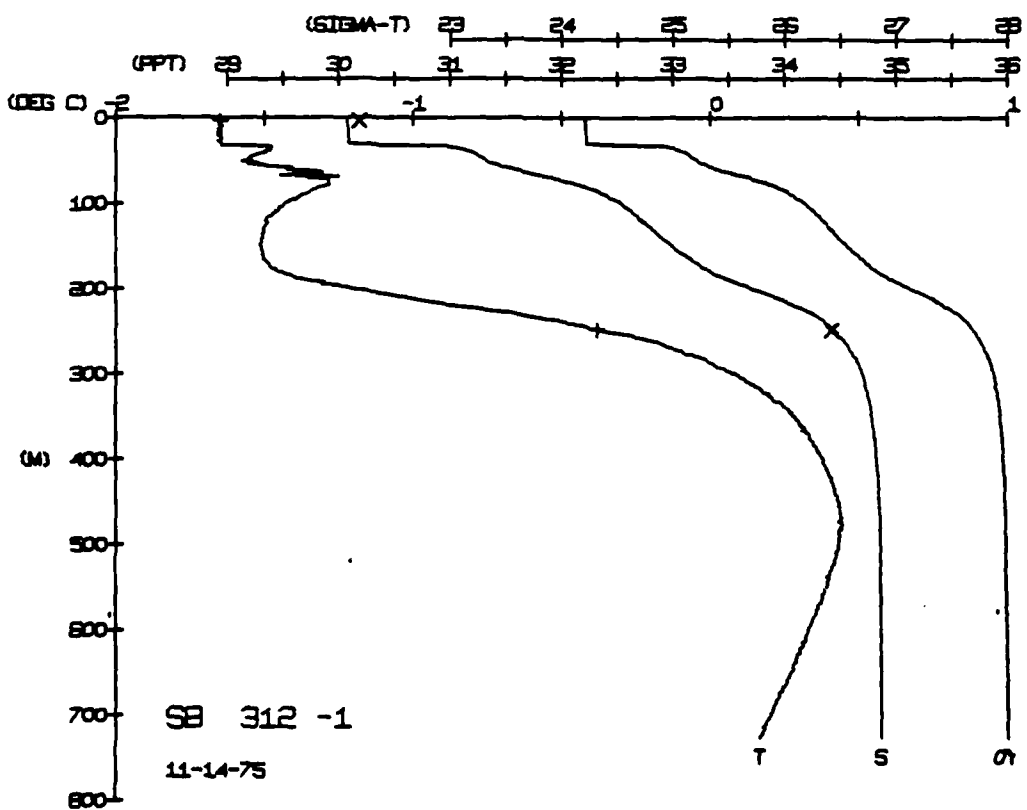
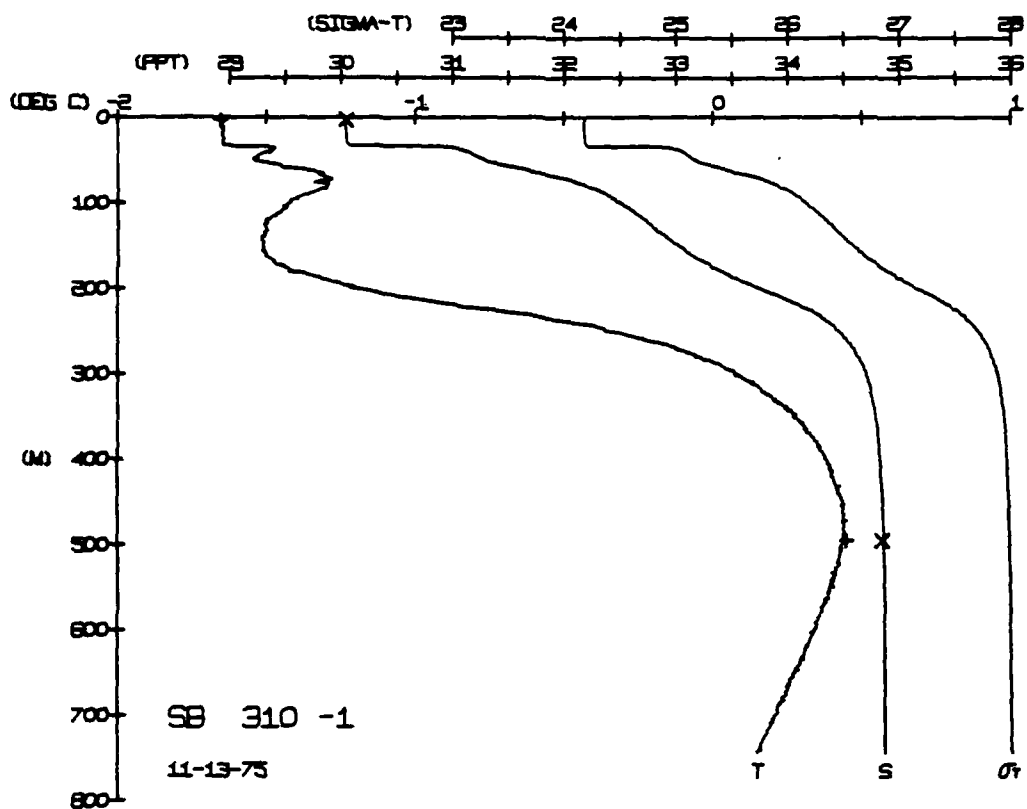
SNOWBIRD STATION 312(1) CTD 14/NOV/1975 1800 GMT CODE = 3
LAT = 73.5415N LNG = 143.1580W ITER = 1. LGER = 2.
AIR TEMP = BAROM = 1009.2 WIND = SPEED =

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	55.45	55.45	0.00	18.88	7.6	0.00	6.6
1	55.45	55.45	0.00	18.88	7.6	0.00	6.6
2	55.45	55.45	0.00	18.88	7.6	0.00	6.6
3	55.45	55.45	0.00	18.88	7.6	0.00	6.6
4	55.45	55.45	0.00	18.88	7.6	0.00	6.6
5	55.45	55.45	0.00	18.88	7.6	0.00	6.6
6	55.45	55.45	0.00	18.88	7.6	0.00	6.6
7	55.45	55.45	0.00	18.88	7.6	0.00	6.6
8	55.45	55.45	0.00	18.88	7.6	0.00	6.6
9	55.45	55.45	0.00	18.88	7.6	0.00	6.6
10	55.45	55.45	0.00	18.88	7.6	0.00	6.6
11	55.45	55.45	0.00	18.88	7.6	0.00	6.6
12	55.45	55.45	0.00	18.88	7.6	0.00	6.6
13	55.45	55.45	0.00	18.88	7.6	0.00	6.6
14	55.45	55.45	0.00	18.88	7.6	0.00	6.6
15	55.45	55.45	0.00	18.88	7.6	0.00	6.6
16	55.45	55.45	0.00	18.88	7.6	0.00	6.6
17	55.45	55.45	0.00	18.88	7.6	0.00	6.6
18	55.45	55.45	0.00	18.88	7.6	0.00	6.6
19	55.45	55.45	0.00	18.88	7.6	0.00	6.6
20	55.45	55.45	0.00	18.88	7.6	0.00	6.6
21	55.45	55.45	0.00	18.88	7.6	0.00	6.6
22	55.45	55.45	0.00	18.88	7.6	0.00	6.6
23	55.45	55.45	0.00	18.88	7.6	0.00	6.6
24	55.45	55.45	0.00	18.88	7.6	0.00	6.6
25	55.45	55.45	0.00	18.88	7.6	0.00	6.6
26	55.45	55.45	0.00	18.88	7.6	0.00	6.6
27	55.45	55.45	0.00	18.88	7.6	0.00	6.6
28	55.45	55.45	0.00	18.88	7.6	0.00	6.6
29	55.45	55.45	0.00	18.88	7.6	0.00	6.6
30	55.45	55.45	0.00	18.88	7.6	0.00	6.6
31	55.45	55.45	0.00	18.88	7.6	0.00	6.6
32	55.45	55.45	0.00	18.88	7.6	0.00	6.6
33	55.45	55.45	0.00	18.88	7.6	0.00	6.6
34	55.45	55.45	0.00	18.88	7.6	0.00	6.6
35	55.45	55.45	0.00	18.88	7.6	0.00	6.6
36	55.45	55.45	0.00	18.88	7.6	0.00	6.6
37	55.45	55.45	0.00	18.88	7.6	0.00	6.6
38	55.45	55.45	0.00	18.88	7.6	0.00	6.6
39	55.45	55.45	0.00	18.88	7.6	0.00	6.6
40	55.45	55.45	0.00	18.88	7.6	0.00	6.6
41	55.45	55.45	0.00	18.88	7.6	0.00	6.6
42	55.45	55.45	0.00	18.88	7.6	0.00	6.6
43	55.45	55.45	0.00	18.88	7.6	0.00	6.6
44	55.45	55.45	0.00	18.88	7.6	0.00	6.6
45	55.45	55.45	0.00	18.88	7.6	0.00	6.6
46	55.45	55.45	0.00	18.88	7.6	0.00	6.6
47	55.45	55.45	0.00	18.88	7.6	0.00	6.6
48	55.45	55.45	0.00	18.88	7.6	0.00	6.6
49	55.45	55.45	0.00	18.88	7.6	0.00	6.6
50	55.45	55.45	0.00	18.88	7.6	0.00	6.6
51	55.45	55.45	0.00	18.88	7.6	0.00	6.6
52	55.45	55.4					

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
00	55.65	55.65	00.00	1.12	0.98	00.5	67.6
04	55.65	55.65	00.00	1.12	0.98	00.5	67.6
08	55.65	55.65	00.00	1.12	0.98	00.5	67.6
12	55.65	55.65	00.00	1.12	0.98	00.5	67.6
16	55.65	55.65	00.00	1.12	0.98	00.5	67.6
20	55.65	55.65	00.00	1.12	0.98	00.5	67.6
24	55.65	55.65	00.00	1.12	0.98	00.5	67.6
28	55.65	55.65	00.00	1.12	0.98	00.5	67.6
32	55.65	55.65	00.00	1.12	0.98	00.5	67.6
36	55.65	55.65	00.00	1.12	0.98	00.5	67.6
40	55.65	55.65	00.00	1.12	0.98	00.5	67.6
44	55.65	55.65	00.00	1.12	0.98	00.5	67.6
48	55.65	55.65	00.00	1.12	0.98	00.5	67.6
52	55.65	55.65	00.00	1.12	0.98	00.5	67.6
56	55.65	55.65	00.00	1.12	0.98	00.5	67.6
60	55.65	55.65	00.00	1.12	0.98	00.5	67.6
64	55.65	55.65	00.00	1.12	0.98	00.5	67.6
68	55.65	55.65	00.00	1.12	0.98	00.5	67.6
72	55.65	55.65	00.00	1.12	0.98	00.5	67.6
76	55.65	55.65	00.00	1.12	0.98	00.5	67.6
80	55.65	55.65	00.00	1.12	0.98	00.5	67.6
84	55.65	55.65	00.00	1.12	0.98	00.5	67.6
88	55.65	55.65	00.00	1.12	0.98	00.5	67.6
92	55.65	55.65	00.00	1.12	0.98	00.5	67.6
96	55.65	55.65	00.00	1.12	0.98	00.5	67.6
100	55.65	55.65	00.00	1.12	0.98	00.5	67.6
104	55.65	55.65	00.00	1.12	0.98	00.5	67.6
108	55.65	55.65	00.00	1.12	0.98	00.5	67.6
112	55.65	55.65	00.00	1.12	0.98	00.5	67.6
116	55.65	55.65	00.00	1.12	0.98	00.5	67.6
120	55.65	55.65	00.00	1.12	0.98	00.5	67.6
124	55.65	55.65	00.00	1.12	0.98	00.5	67.6
128	55.65	55.65	00.00	1.12	0.98	00.5	67.6
132	55.65	55.65	00.00	1.12	0.98	00.5	67.6
136	55.65	55.65	00.00	1.12	0.98	00.5	67.6
140	55.65	55.65	00.00	1.12	0.98	00.5	67.6
144	55.65	55.65	00.00	1.12	0.98	00.5	67.6
148	55.65	55.65	00.00	1.12	0.98	00.5	67.6
152	55.65	55.65	00.00	1.12	0.98	00.5	67.6
156	55.65	55.65	00.00	1.12	0.98	00.5	67.6
160	55.65	55.65	00.00	1.12	0.98	00.5	67.6
164	55.65	55.65	00.00	1.12	0.98	00.5	67.6
168	55.65	55.65	00.00	1.12	0.98	00.5	67.6
172	55.65	55.65	00.00	1.12	0.98	00.5	67.6
176	55.65	55.65	00.00	1.12	0.98	00.5	67.6
180	55.65	55.65	00.00	1.12	0.98	00.5	67.6
184	55.65	55.65	00.00	1.12	0.98	00.5	67.6
188	55.65	55.65	00.00	1.12	0.98	00.5	67.6
192	55.65	55.65	00.00	1.12	0.98	00.5	67.6
196	55.65	55.65	00.00	1.12	0.98	00.5	67.6
200	55.65	55.65	00.00	1.1			

	DEPTH	TEMP.	SALIN.
BOT NUM = 1	3.2	-1.65	30.18
BOT NUM = 2	247.8	-0.38	34.42

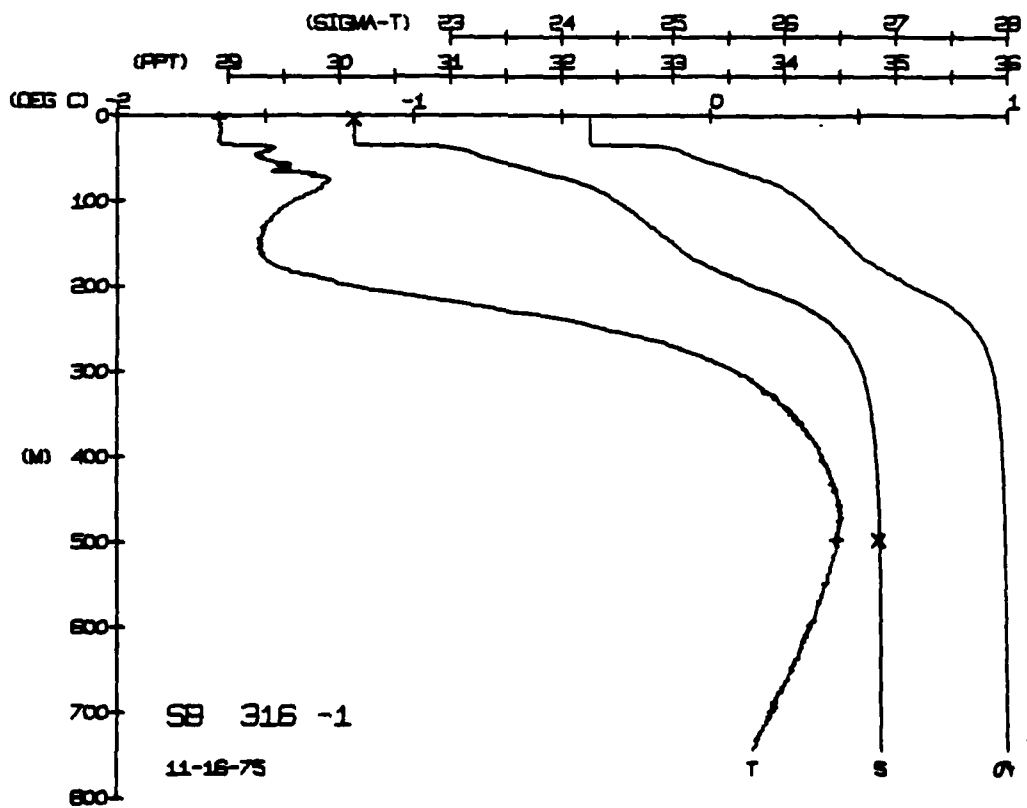
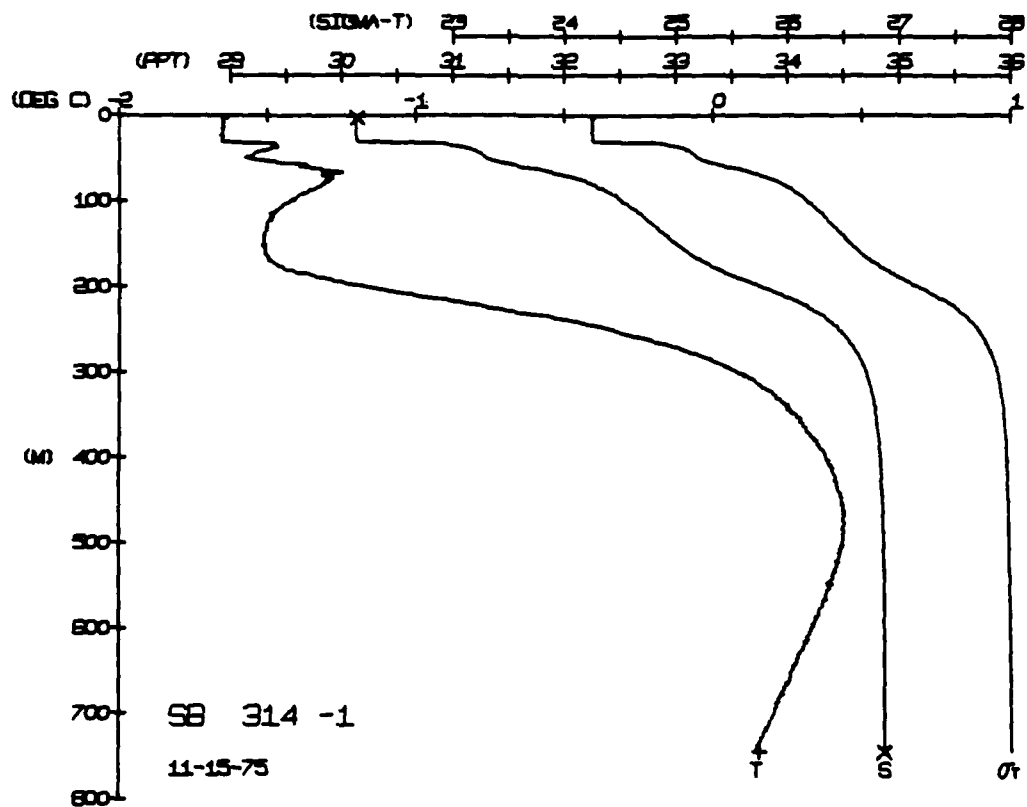
DEPTH	TEMP.	SALIN.
3.2	-1.65	30.05
494.9	0.45	34.86



SNOWBIRD STATION #16(1) CTD 16/NOV/1975 1800 GMT CUBE = 3
LAT = 73.4979N LNG = 143.1378W ITER = 1. LGFR = 2.
TEMP = -33.5 BARUM = 1019.5 WIND = 295.6 SPFFD = 42.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	64.5	64.5	30.0	2.2	367.0	0.0	887.8
5	64.5	64.5	30.0	2.2	368.0	0.0	887.8
10	64.5	64.5	30.0	2.2	367.0	0.0	887.8
15	64.5	64.5	30.0	2.2	367.0	0.0	887.8
20	64.5	64.5	30.0	2.2	367.0	0.0	887.8
25	64.5	64.5	30.0	2.2	367.0	0.0	887.8
30	64.5	64.5	30.0	2.2	367.0	0.0	887.8
35	64.5	64.5	30.0	2.2	367.0	0.0	887.8
40	64.5	64.5	30.0	2.2	367.0	0.0	887.8
45	64.5	64.5	30.0	2.2	367.0	0.0	887.8
50	64.5	64.5	30.0	2.2	367.0	0.0	887.8
55	64.5	64.5	30.0	2.2	367.0	0.0	887.8
60	64.5	64.5	30.0	2.2	367.0	0.0	887.8
65	64.5	64.5	30.0	2.2	367.0	0.0	887.8
70	64.5	64.5	30.0	2.2	367.0	0.0	887.8
75	64.5	64.5	30.0	2.2	367.0	0.0	887.8
80	64.5	64.5	30.0	2.2	367.0	0.0	887.8
85	64.5	64.5	30.0	2.2	367.0	0.0	887.8
90	64.5	64.5	30.0	2.2	367.0	0.0	887.8
95	64.5	64.5	30.0	2.2	367.0	0.0	887.8
100	64.5	64.5	30.0	2.2	367.0	0.0	887.8
105	64.5	64.5	30.0	2.2	367.0	0.0	887.8
110	64.5	64.5	30.0	2.2	367.0	0.0	887.8
115	64.5	64.5	30.0	2.2	367.0	0.0	887.8
120	64.5	64.5	30.0	2.2	367.0	0.0	887.8
125	64.5	64.5	30.0	2.2	367.0	0.0	887.8
130	64.5	64.5	30.0	2.2	367.0	0.0	887.8
135	64.5	64.5	30.0	2.2	367.0	0.0	887.8
140	64.5	64.5	30.0	2.2	367.0	0.0	887.8
145	64.5	64.5	30.0	2.2	367.0	0.0	887.8
150	64.5	64.5	30.0	2.2	367.0	0.0	887.8
155	64.5	64.5	30.0	2.2	367.0	0.0	887.8
160	64.5	64.5	30.0	2.2	367.0	0.0	887.8
165	64.5	64.5	30.0	2.2	367.0	0.0	887.8
170	64.5	64.5	30.0	2.2	367.0	0.0	887.8
175	64.5	64.5	30.0	2.2	367.0	0.0	887.8
180	64.5	64.5	30.0	2.2	367.0	0.0	887.8
185	64.5	64.5	30.0	2.2	367.0	0.0	887.8
190	64.5	64.5	30.0	2.2	367.0	0.0	887.8
195	64.5	64.5	30.0	2.2	367.0	0.0	887.8
200	64.5	64.5	30.0	2.2	367.0	0.0	887.8
205	64.5	64.5	30.0	2.2	367.0	0.0	887.8
210	64.5	64.5	30.0	2.2	367.0	0.0	887.8
215	64.5	64.5	30.0	2.2	367.0	0.0	887.8
220	64.5	64.5	30.0	2.2	367.0	0.0	887.8
225	64.5	64.5	30.0	2.2	367.0	0.0	887.8
230	64.5	64.5	30.0	2.2	367.0	0.0	887.8
235	64.5	64.5	30.0	2.2	367.0	0.0	887.8
240	64.5	64.5	30.0	2.2	367.0	0.0	887.8
245	64.5	64.5	30.0	2.2	367.0	0.0	887.8
250	64.5	64.5	30.0	2.2	367.0	0.0	887.8
255	64.5	64.5	30.0	2.2	367.0	0.0	887.8
260	64.5	64.5	30.0				

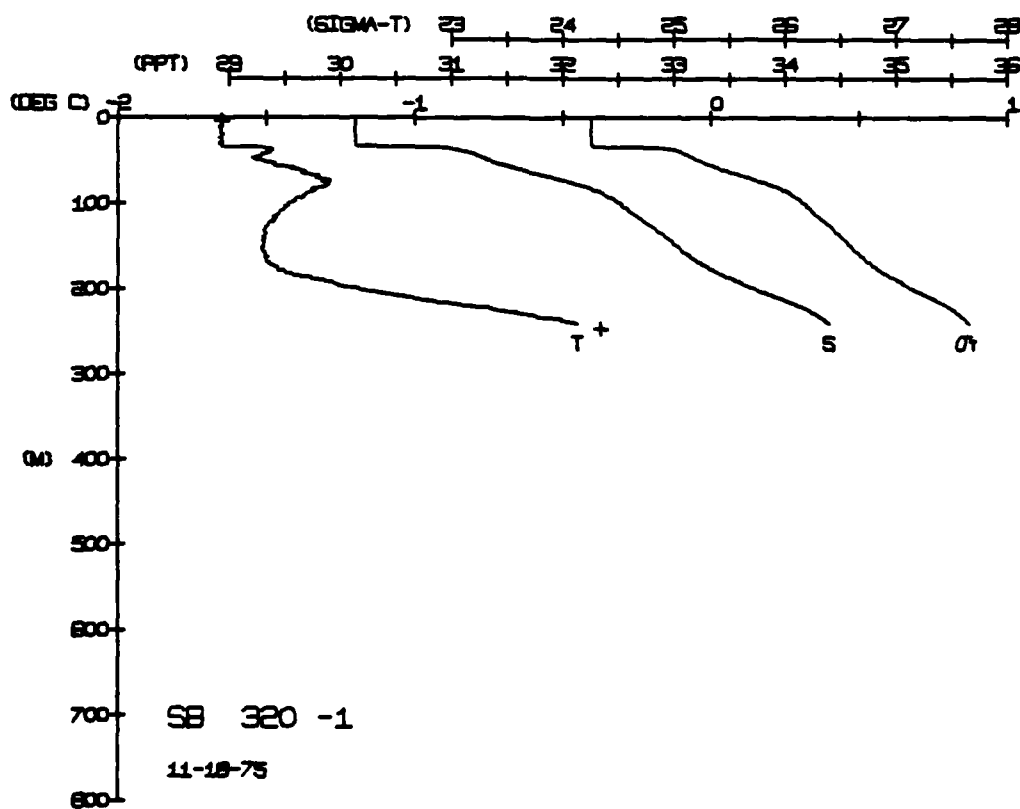
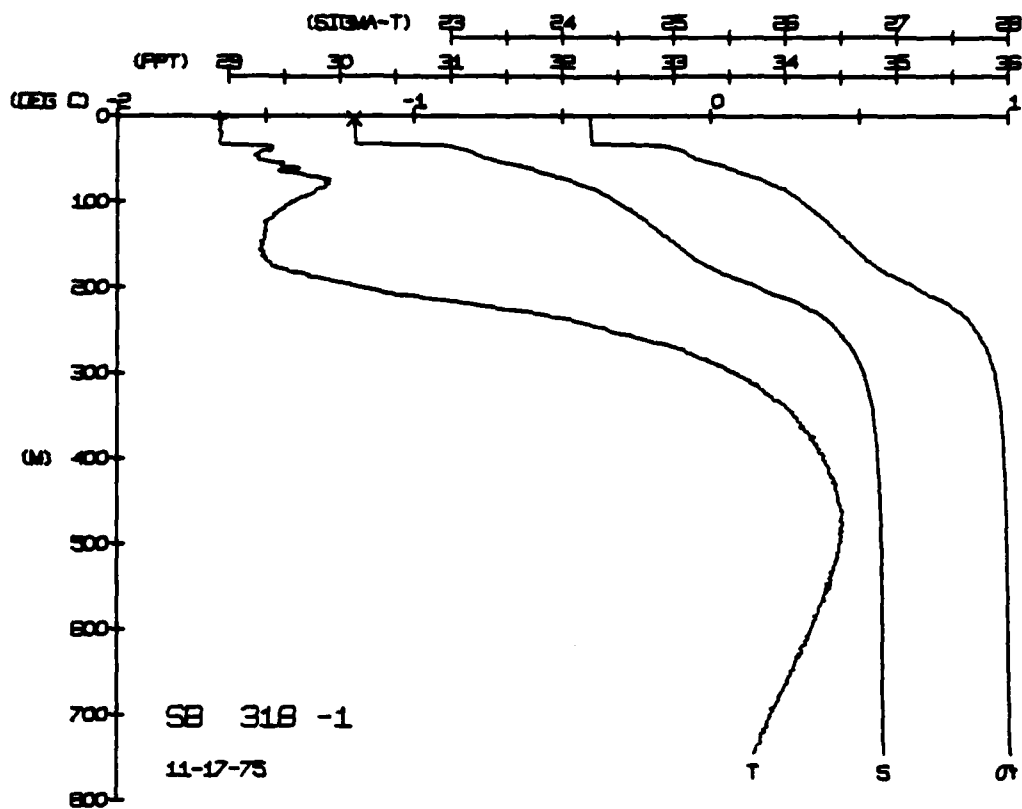
[illegible]



SNOWBIRD STATION 320(1) CTD 18/NOV/1975 1815 GMT CODE = 3
LAT = 73.4971N LNC = 143.1412W I.TER = 4
U.S. LGERA = 1
AIR TEMP = -26.3 BAROM = 1030.1 WIND = 40.6 SPTED) = 44.3

[illegible]

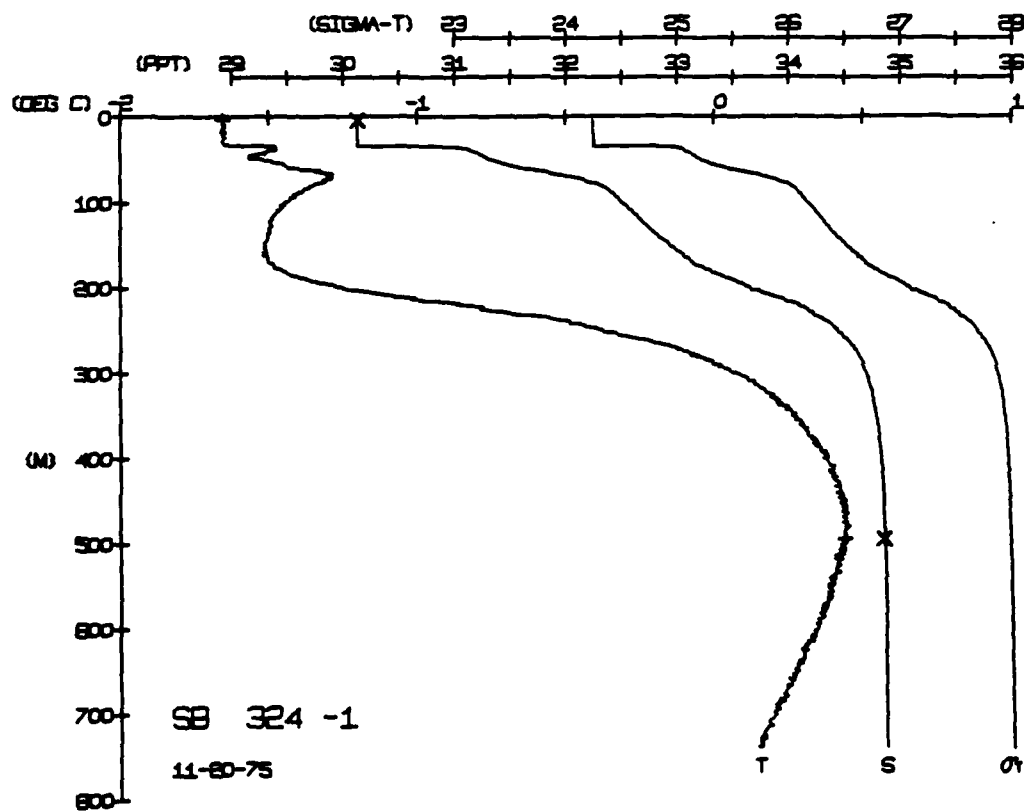
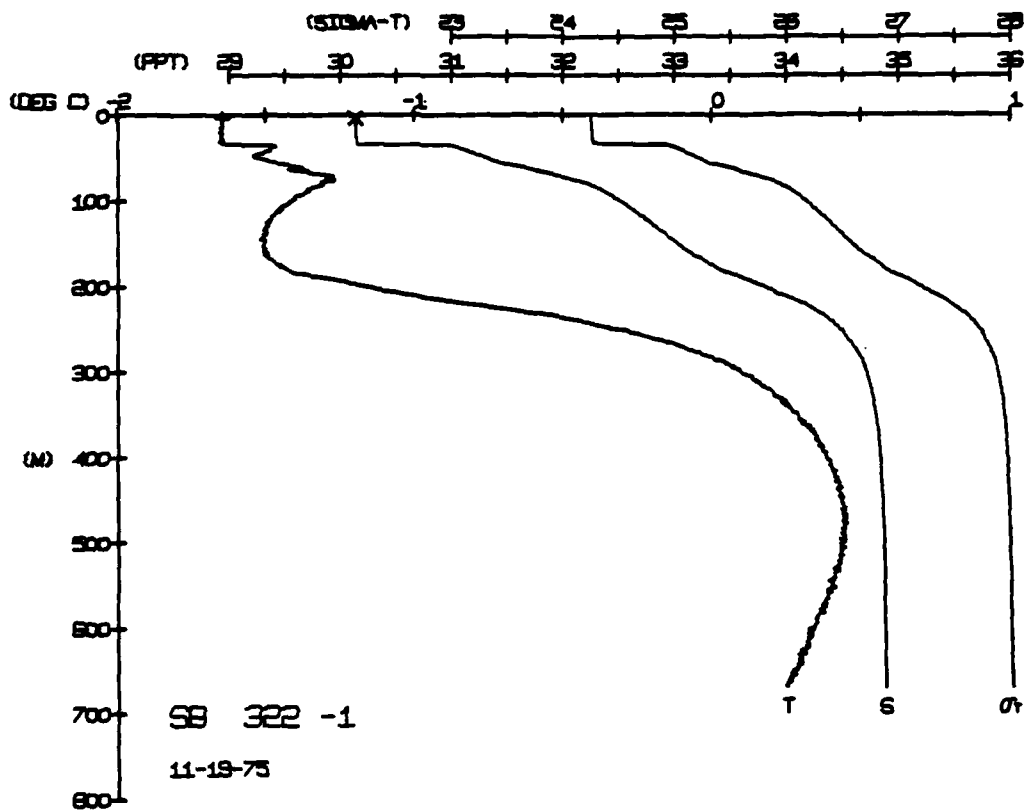
DEPTH	TEMP.	SALIN	DEPTH	TEMP.	SALIN
BUT NUM = 1	3.0	-1.65	30.13	BUT NUM = 1	-1.65
				BUT NUM = 2	-0.37
					246.2



SNOWBIRD STATION J24(1) CTD 20/NOV/1975 1800 GMT CODE = 3
LAT = 73.5696N LNG = 143.3411W ITER = 1 LGEM = 1
AIR TEMP = -28.0 WARM = 1045.8 WIND = 98.9 SPEED = 14.8

[illegible]

DEPTH	TEMP.	SALIN
3.2	-1.65	30.13
494.3	0.44	34.86



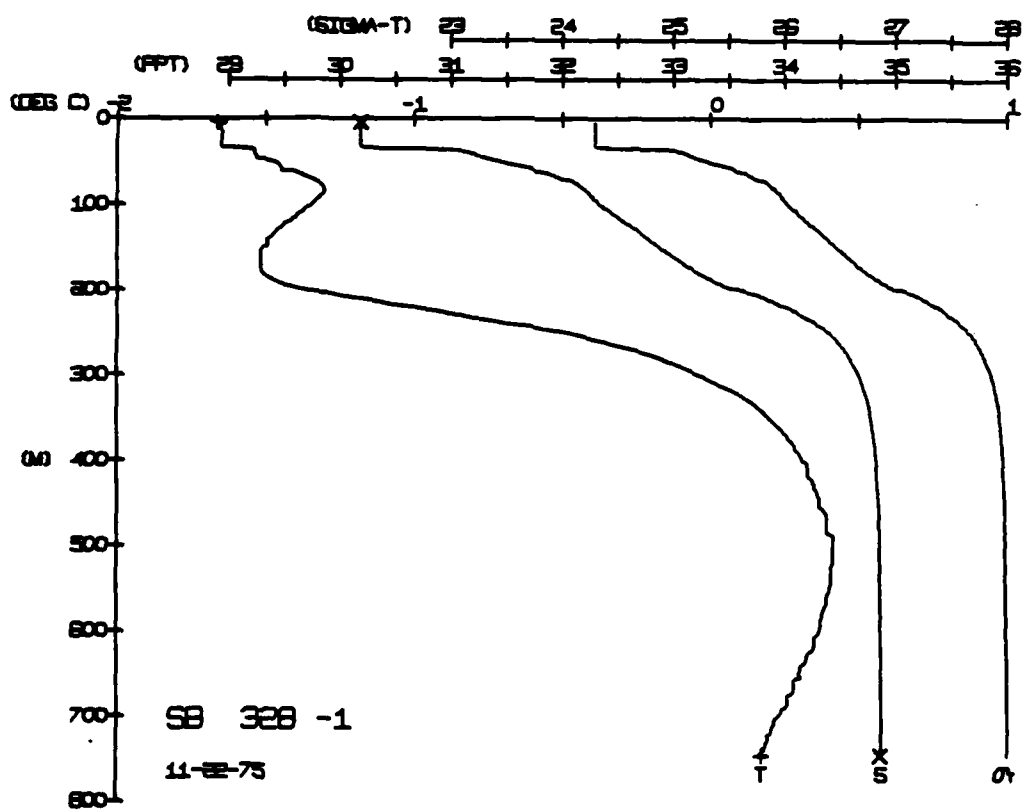
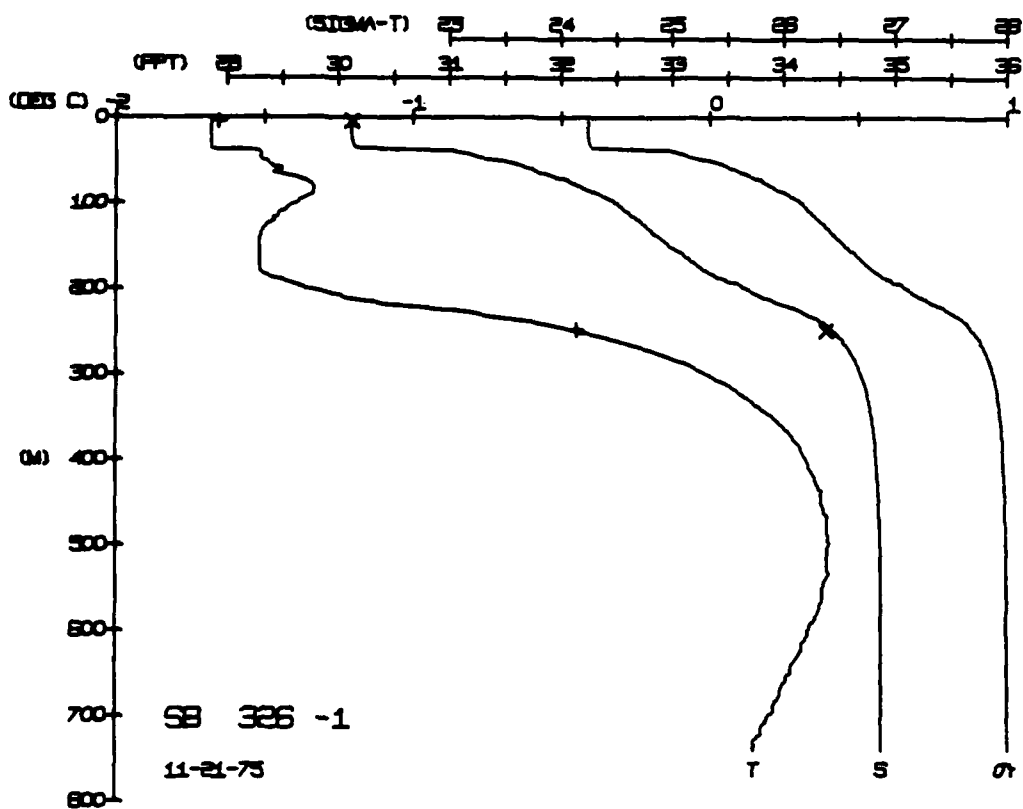
SNOWBIRD STATION 328(1) CTD 22/NOV/1975 1800 GMT CODE = 2
LAT = 73.8486N LNG = 143.8938W I.TER = 10. LGPR = 44.
AIR TEMP = HAKOM = 1019.4 WIND = SPEED =

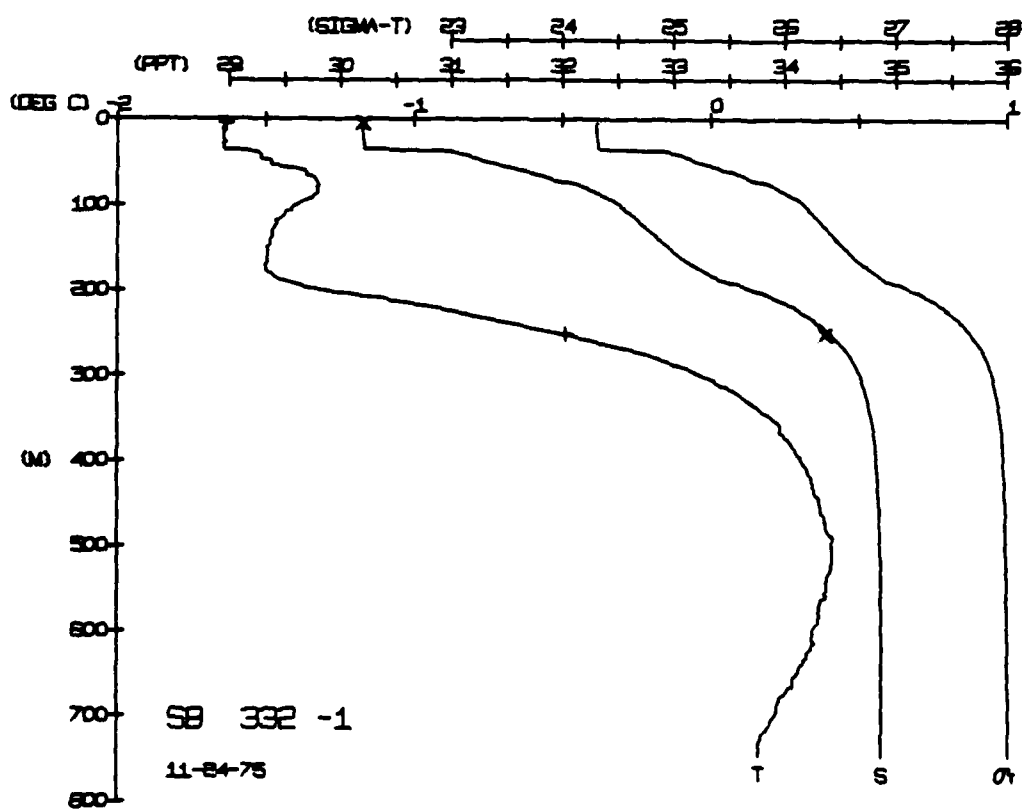
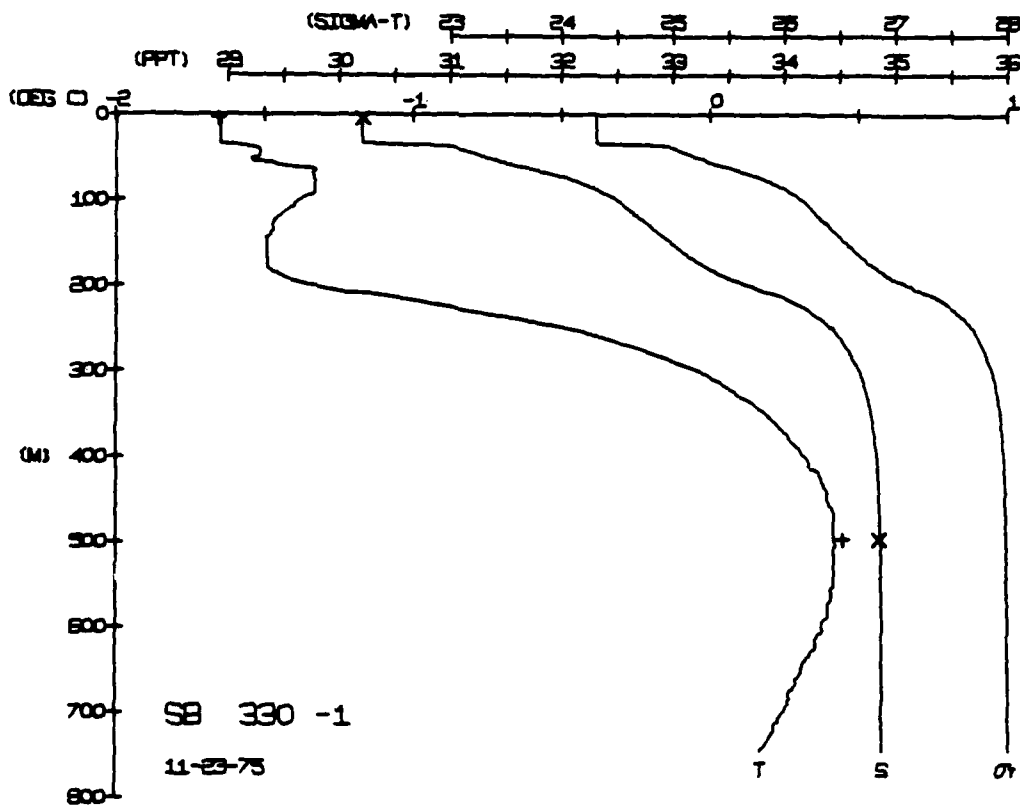
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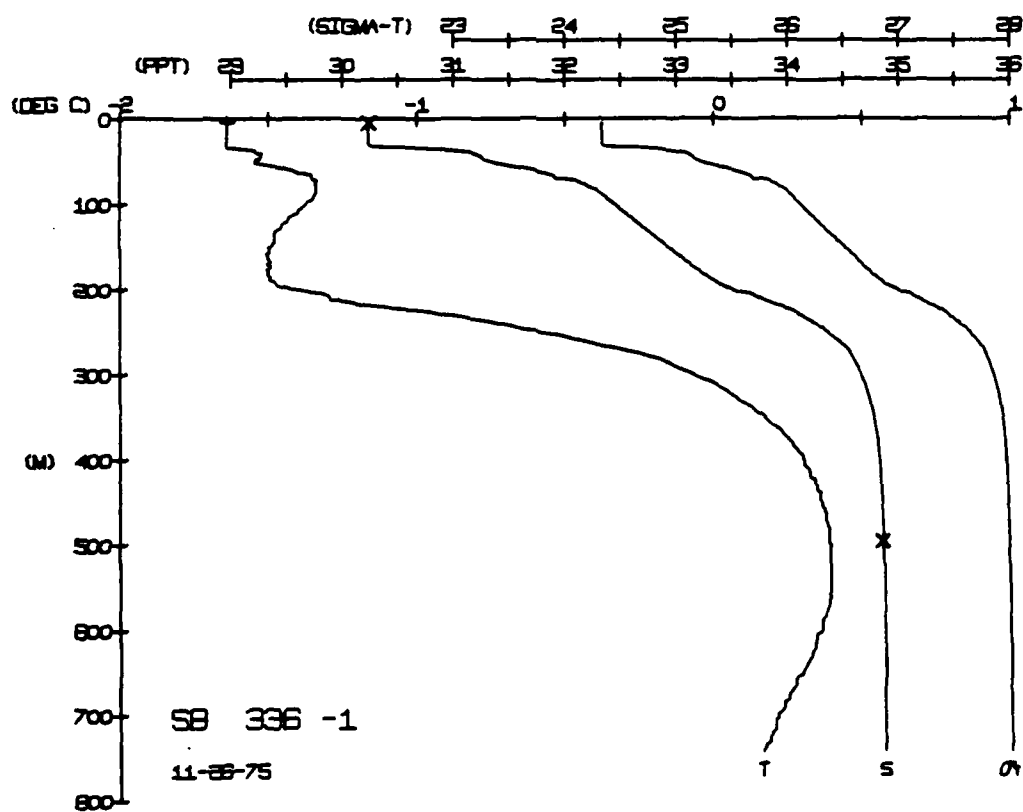
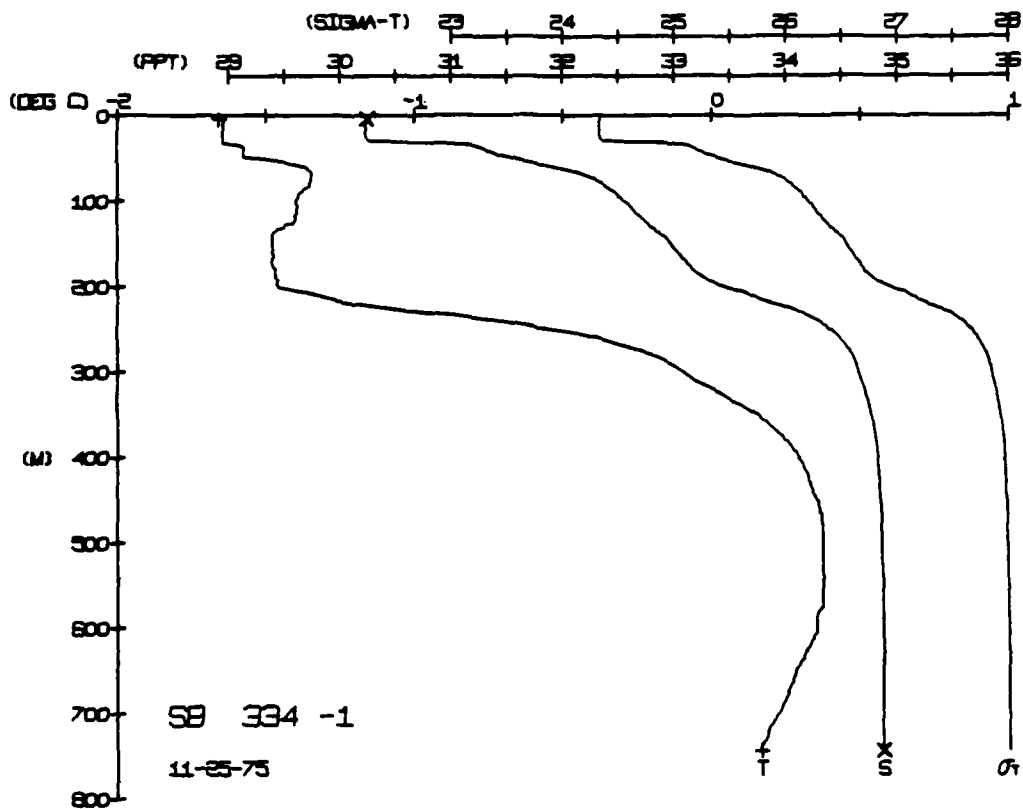
	DEPTH	TEMP.	SALIN.
RUT NUM = 1	3.9	-1.65	30.12
RUT NUM = 2	248.6	-0.45	34.38

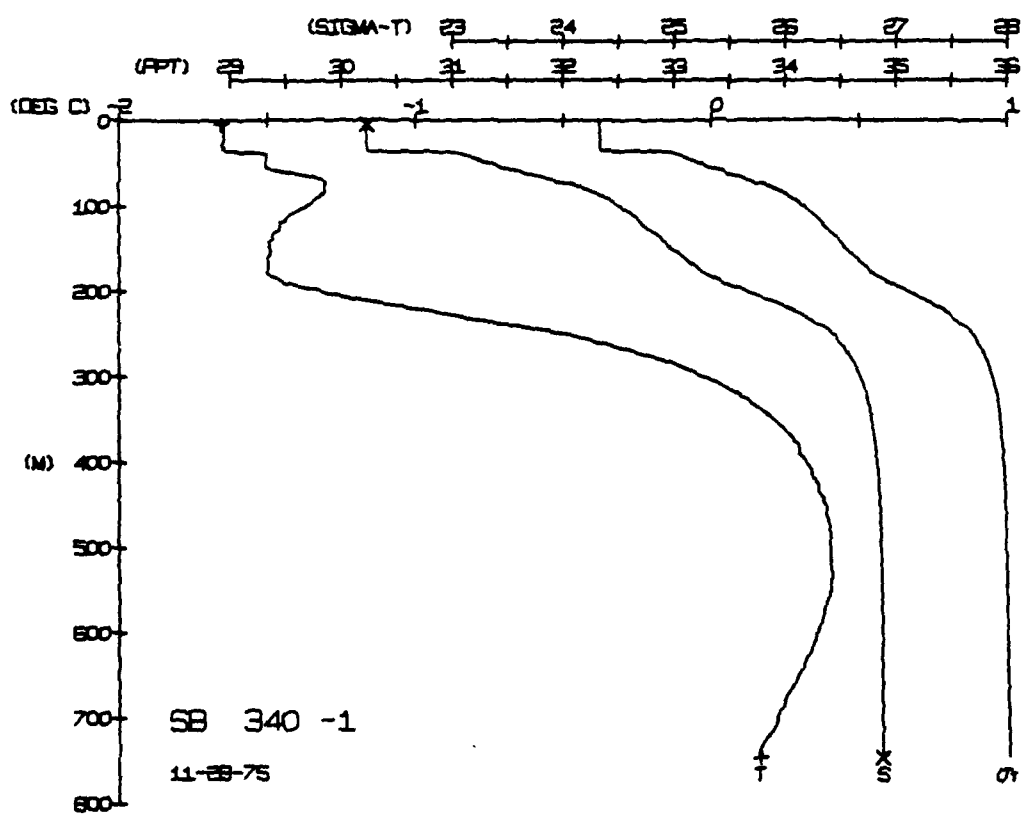
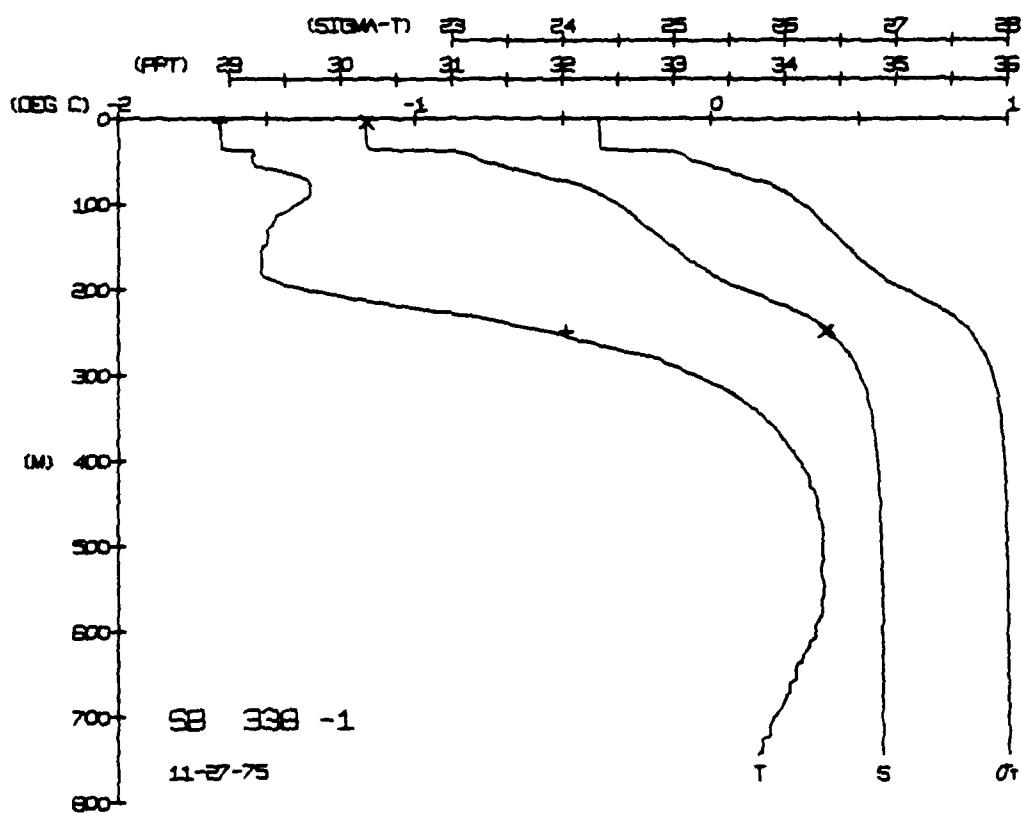
[illegible]

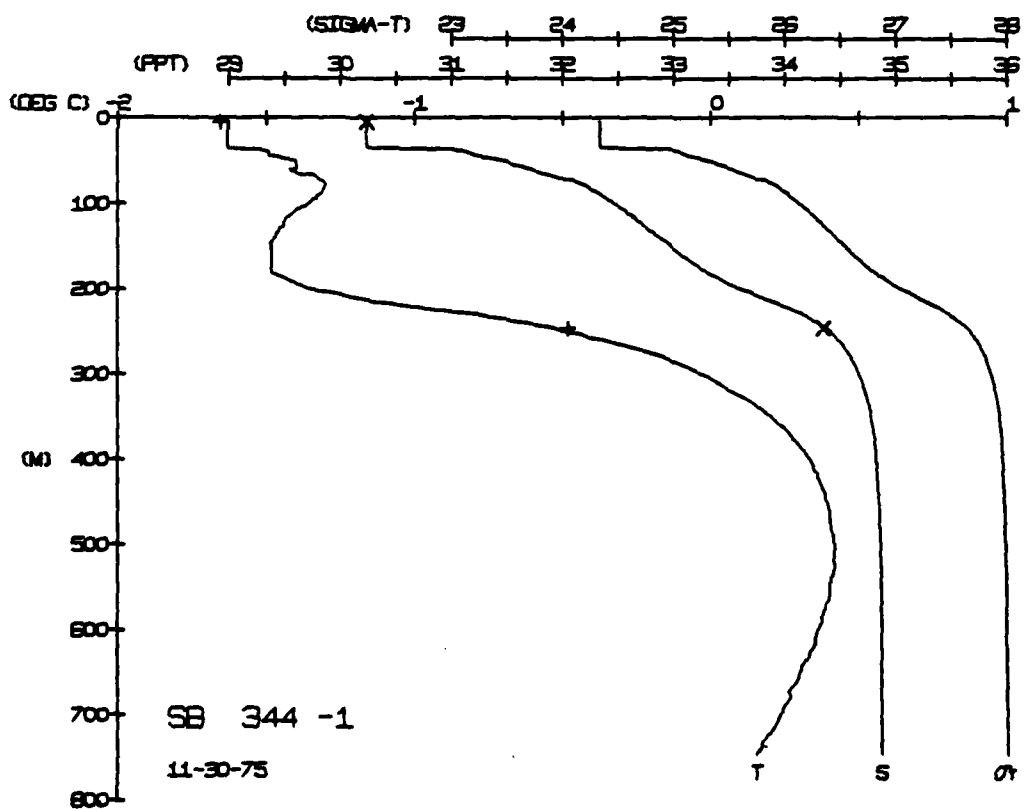
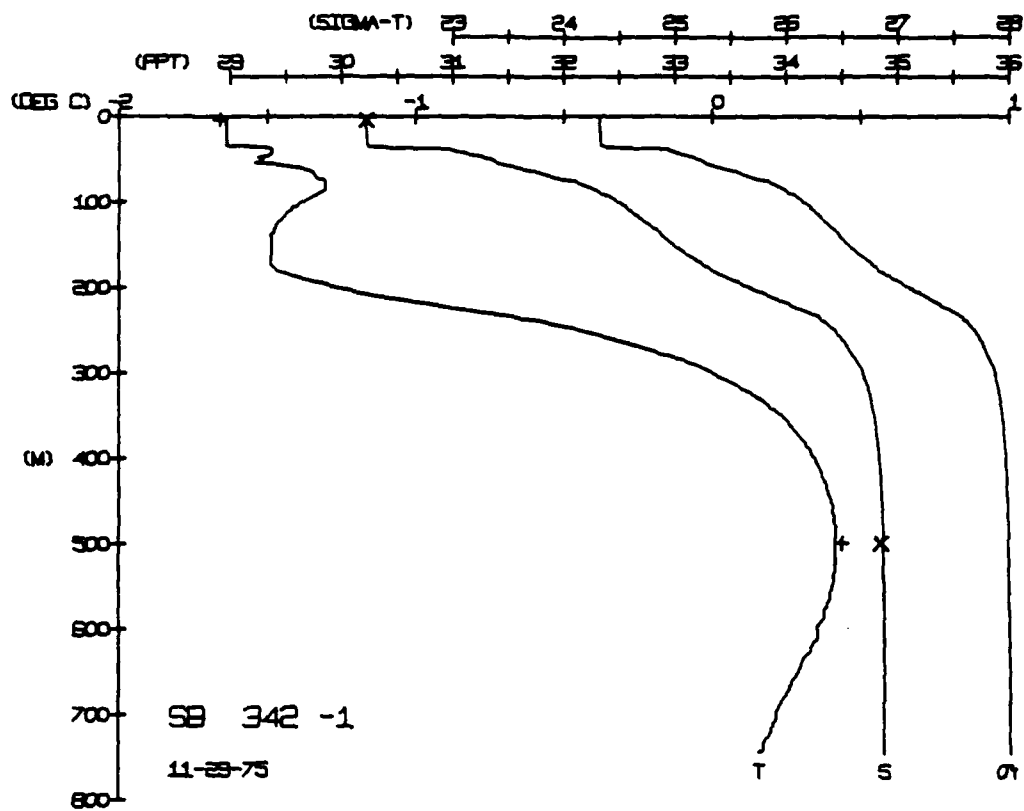
DEPTH	TEMP.	SALIN
3.9	-1.66	30.18
744.1	0.18	34.88

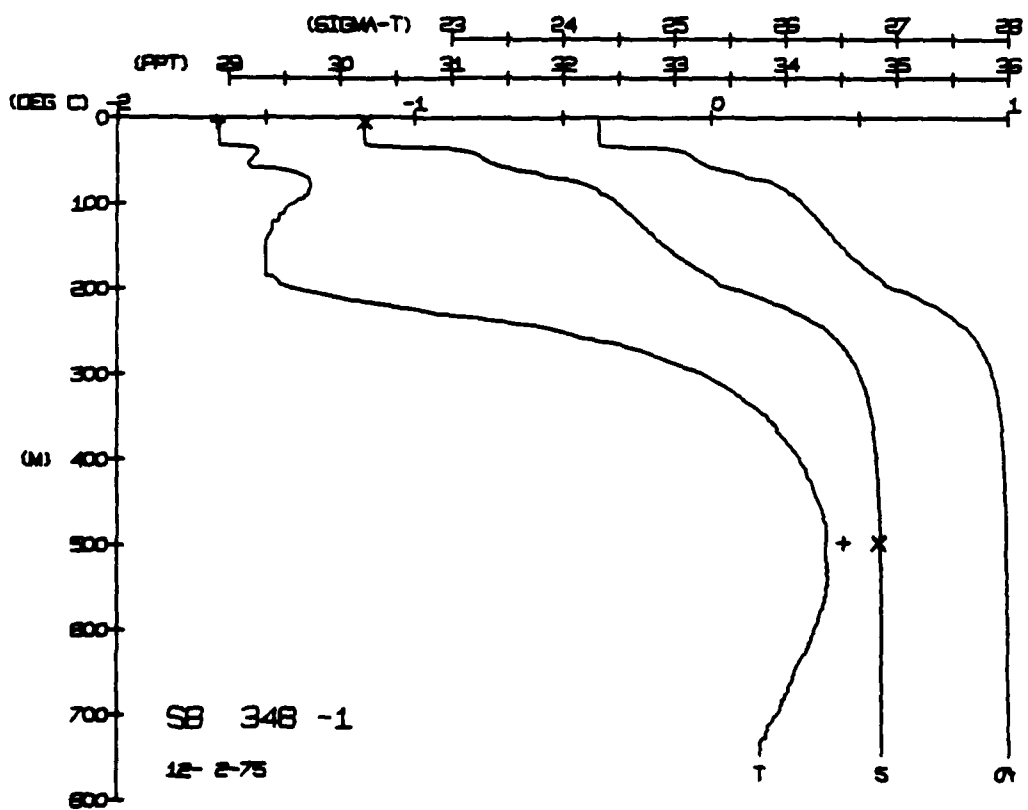
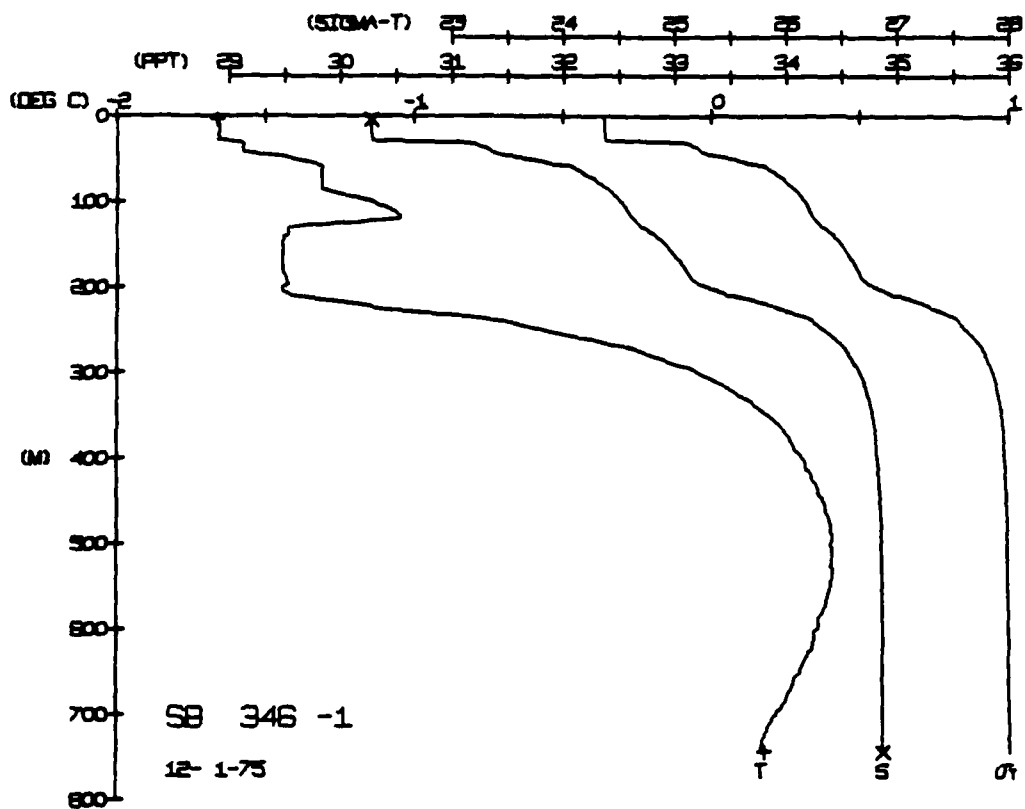


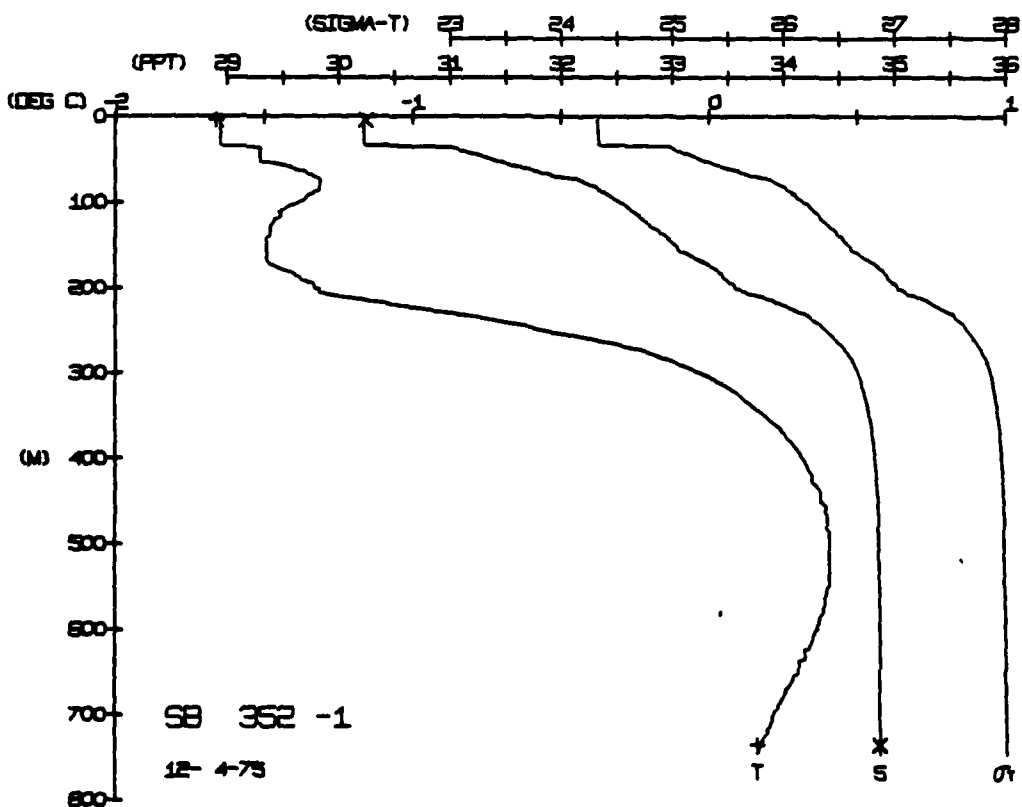
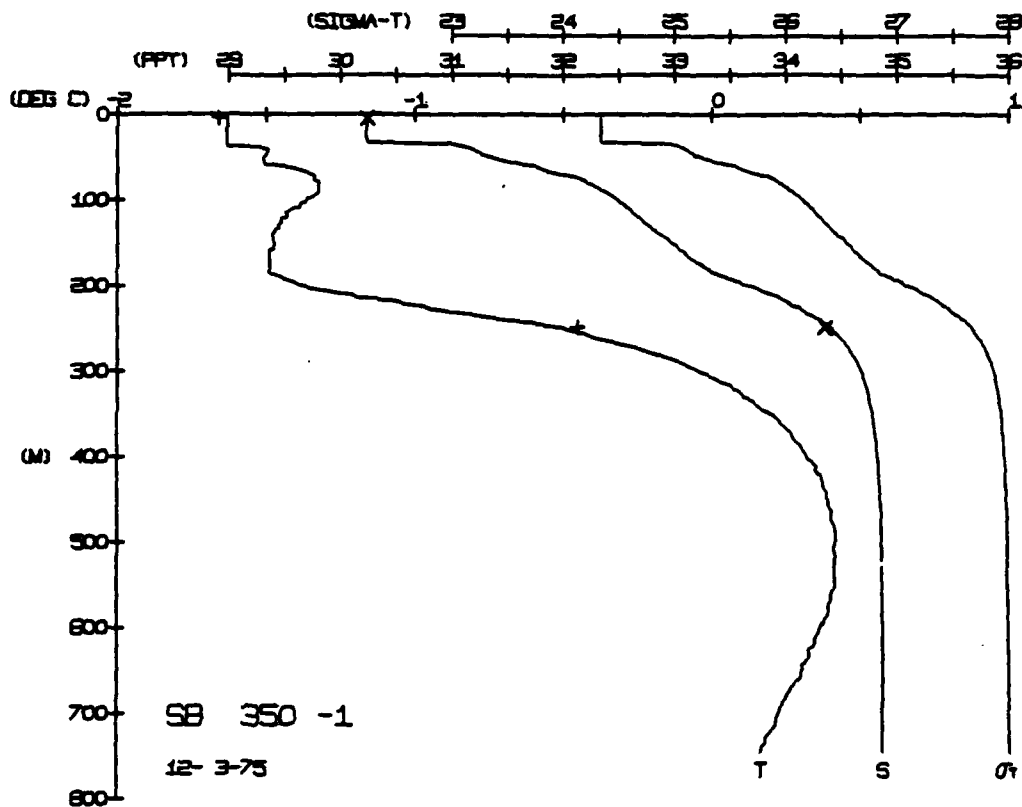








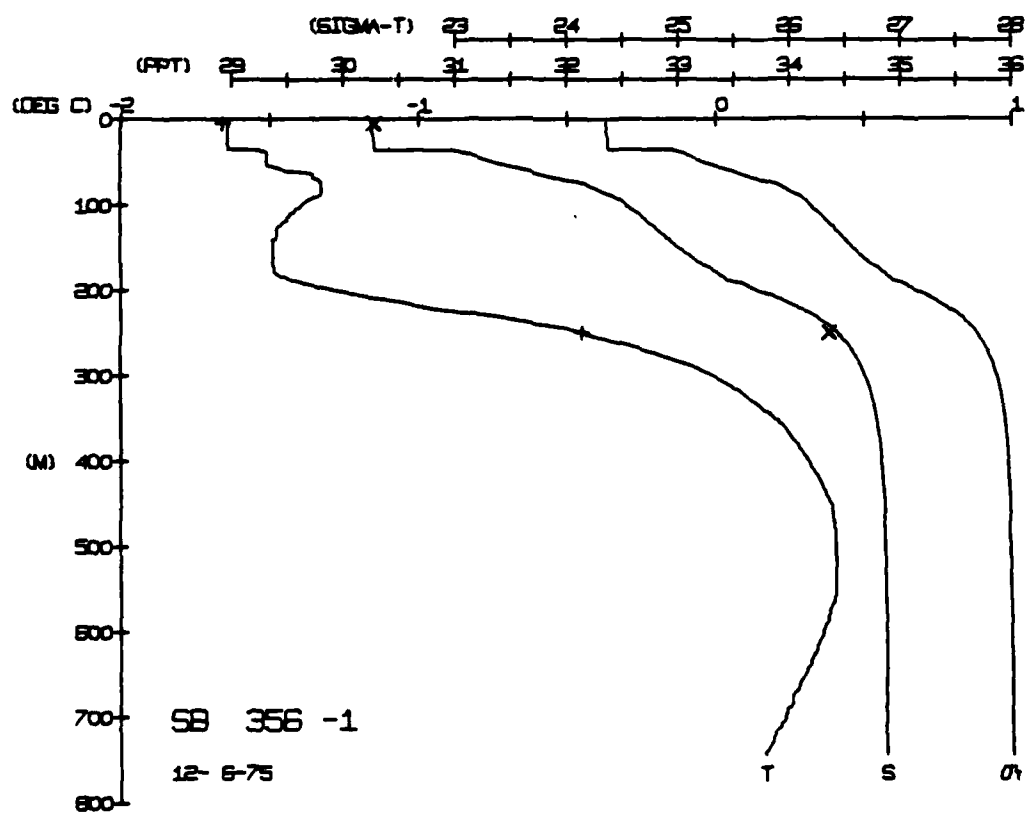
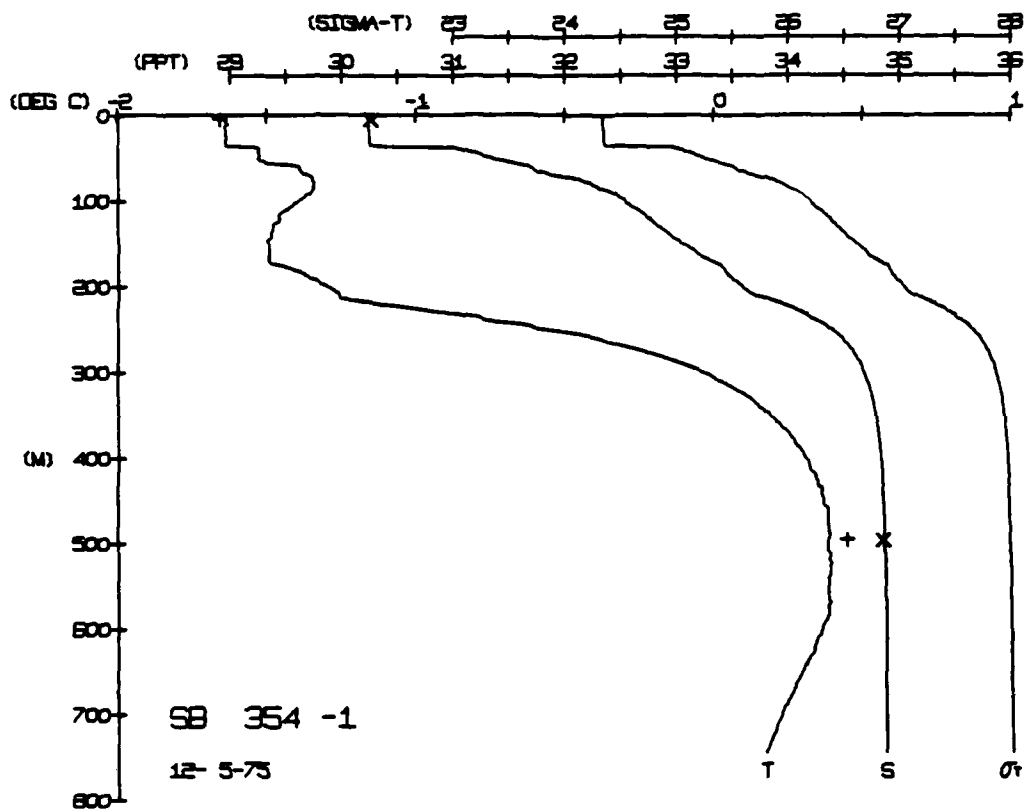




SNOWBIRD STATION 356(1) CTD 6/DEC/1975 1800 GMT CONE = 2
LAT = 73.8492N LNG = 14.8196W LTER = 1. LGER = 2.
AIR TEMP = -38.3 BAROM = 1019.0 WIND = 252.8 SPEED = 30.4

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	17.30	17.30	35.20	1.00	0.00	0.00	1.00
1	17.30	17.30	35.20	1.00	0.00	0.00	1.00
2	17.30	17.30	35.20	1.00	0.00	0.00	1.00
3	17.30	17.30	35.20	1.00	0.00	0.00	1.00
4	17.30	17.30	35.20	1.00	0.00	0.00	1.00
5	17.30	17.30	35.20	1.00	0.00	0.00	1.00
6	17.30	17.30	35.20	1.00	0.00	0.00	1.00
7	17.30	17.30	35.20	1.00	0.00	0.00	1.00
8	17.30	17.30	35.20	1.00	0.00	0.00	1.00
9	17.30	17.30	35.20	1.00	0.00	0.00	1.00
10	17.30	17.30	35.20	1.00	0.00	0.00	1.00
11	17.30	17.30	35.20	1.00	0.00	0.00	1.00
12	17.30	17.30	35.20	1.00	0.00	0.00	1.00
13	17.30	17.30	35.20	1.00	0.00	0.00	1.00
14	17.30	17.30	35.20	1.00	0.00	0.00	1.00
15	17.30	17.30	35.20	1.00	0.00	0.00	1.00
16	17.30	17.30	35.20	1.00	0.00	0.00	1.00
17	17.30	17.30	35.20	1.00	0.00	0.00	1.00
18	17.30	17.30	35.20	1.00	0.00	0.00	1.00
19	17.30	17.30	35.20	1.00	0.00	0.00	1.00
20	17.30	17.30	35.20	1.00	0.00	0.00	1.00
21	17.30	17.30	35.20	1.00	0.00	0.00	1.00
22	17.30	17.30	35.20	1.00	0.00	0.00	1.00
23	17.30	17.30	35.20	1.00	0.00	0.00	1.00
24	17.30	17.30	35.20	1.00	0.00	0.00	1.00
25	17.30	17.30	35.20	1.00	0.00	0.00	1.00
26	17.30	17.30	35.20	1.00	0.00	0.00	1.00
27	17.30	17.30	35.20	1.00	0.00	0.00	1.00
28	17.30	17.30	35.20	1.00	0.00	0.00	1.00
29	17.30	17.30	35.20	1.00	0.00	0.00	1.00
30	17.30	17.30	35.20	1.00	0.00	0.00	1.00
31	17.30	17.30	35.20	1.00	0.00	0.00	1.00
32	17.30	17.30	35.20	1.00	0.00	0.00	1.00
33	17.30	17.30	35.20	1.00	0.00	0.00	1.00
34	17.30	17.30	35.20	1.00	0.00	0.00	1.00
35	17.30	17.30	35.20	1.00	0.00	0.00	1.00
36	17.30	17.30	35.20	1.00	0.00	0.00	1.00
37	17.30	17.30	35.20	1.00	0.00	0.00	1.00
38	17.30	17.30	35.20	1.00	0.00	0.00	1.00
39	17.30	17.30	35.20	1.00	0.00	0.00	1.00
40	17.30	17.30	35.20	1.00	0.00	0.00	1.00
41	17.30	17.30	35.20	1.00	0.00	0.00	1.00
42	17.30	17.30	35.20	1.00	0.00	0.00	1.00
43	17.30	17.30	35.20	1.00	0.00	0.00	1.00
44	17.30	17.30	35.20	1.00	0.00	0.00	1.00
45	17.30	17.30	35.20	1.00	0.00	0.00	1.00
46	17.30	17.30	35.20	1.00	0.00	0.00	1.00
47	17.30	17.30	35.20	1.00	0.00	0.00	1.00
48	17.30	17.30	35.20	1.00	0.00	0.00	1.00
49	17.30	17.30	35.20	1.00	0.00	0.00	1.00
50	17.30	17.30	35.20	1.00	0.00	0.00	1.00

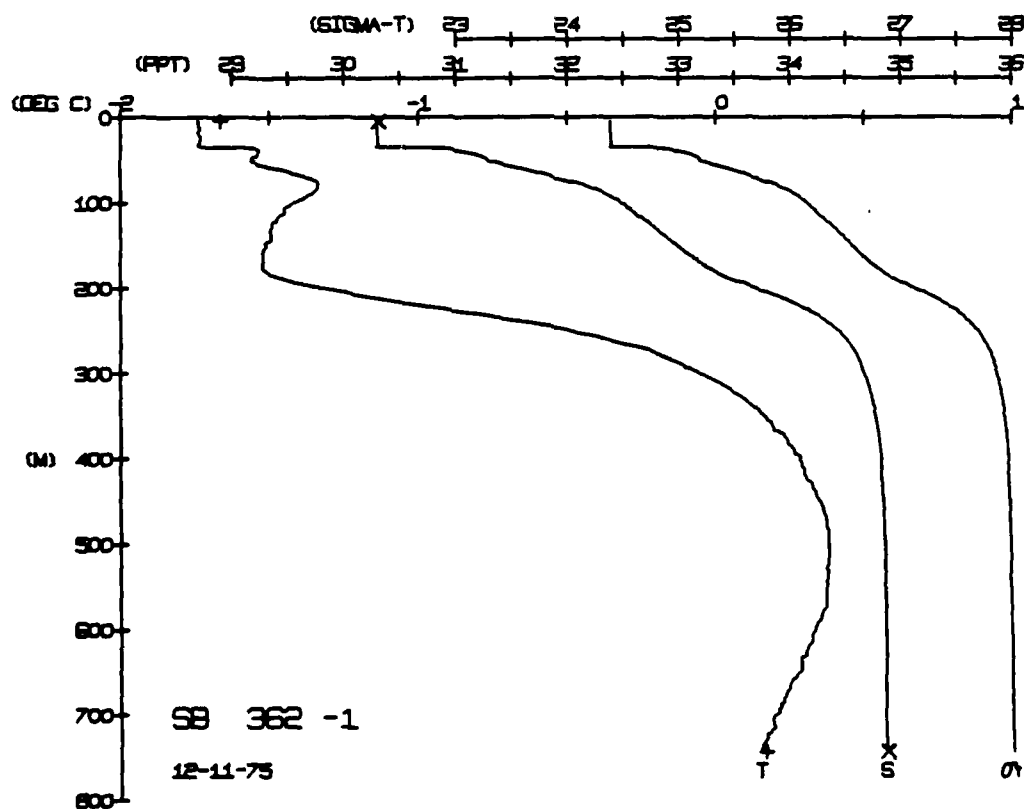
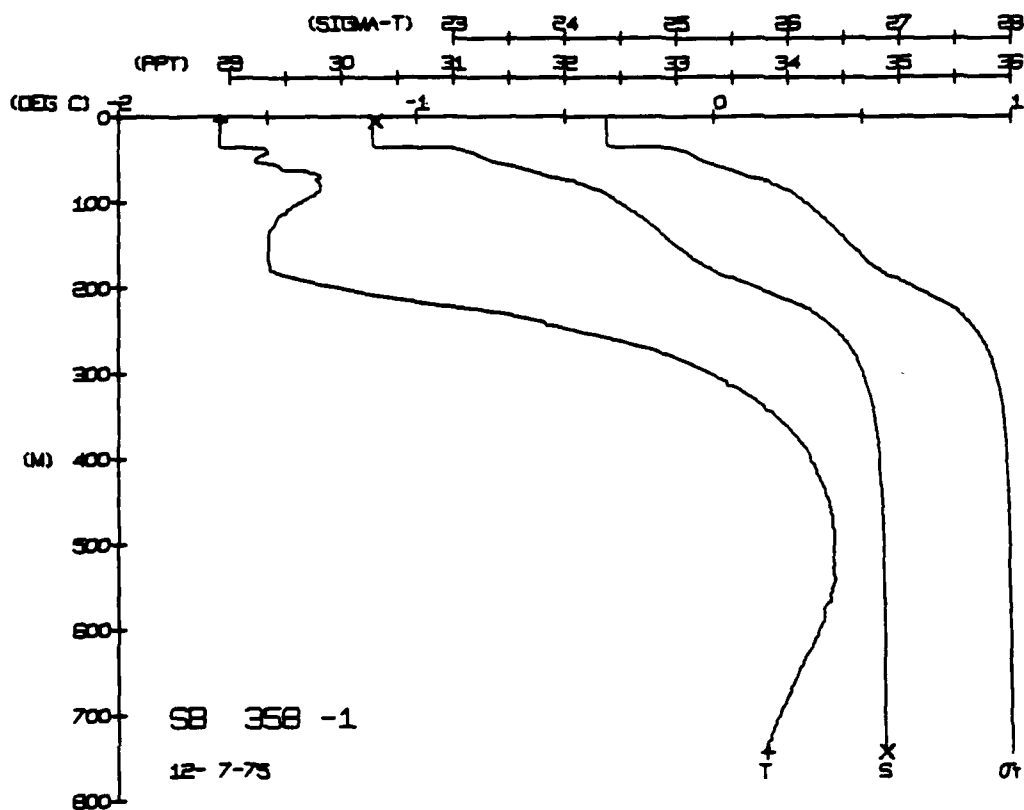
[illegible]



```
SSNOWBIRD STATION 362(1) CTD 11/DEC/1975 1838 GMT CODE = 2
LAT = 73.8327N LNG = 144.5550W ITER = 0 LGRA = 0
RAIN TEMP = -30.6 BARUM = 1075.9 WIND = 320.2 SPEED = 51.1
```

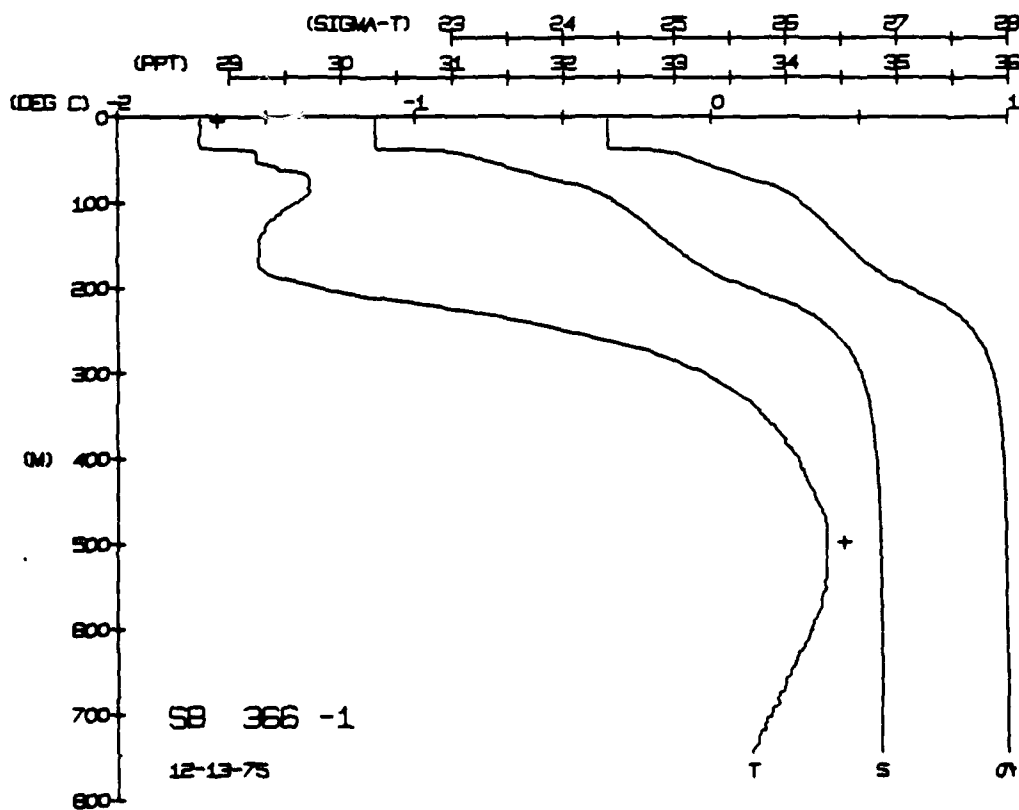
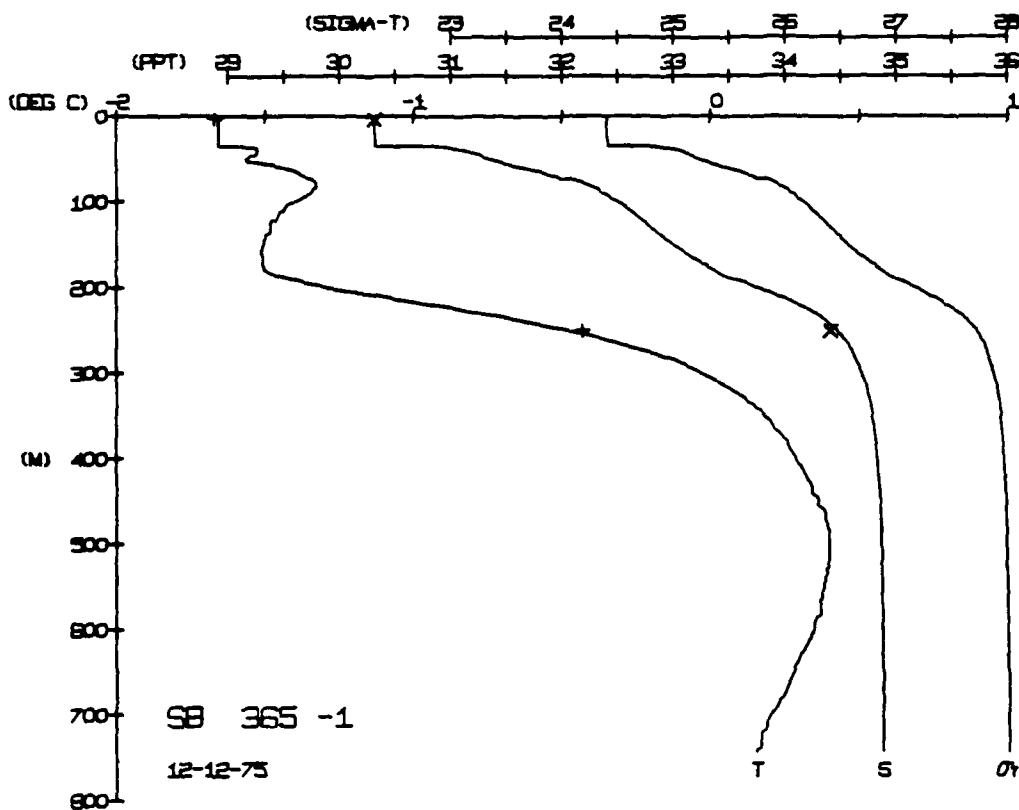
[illegible]

	DEPTH	TEMP.	SALIN
BT NUM = 1	3.9	-1.66	30.31
HUT NUM = 2	742.9	0.17	34.49



SNOWBIRD STATION 366(1) CID 13/DEC/1975 1820 GMT CODE = 2
LAT = 73.0386N LNC = 144.6013W ITER = 269. LGEM = 260.
BARUM = 1017.0 WIND = 1017.0 WIND = 1017.0 WIND = 1017.0
SPLD = 269. LGEM = 260. SPLD = 269. LGEM = 260. SPLD = 269. LGEM = 260.

[illegible]

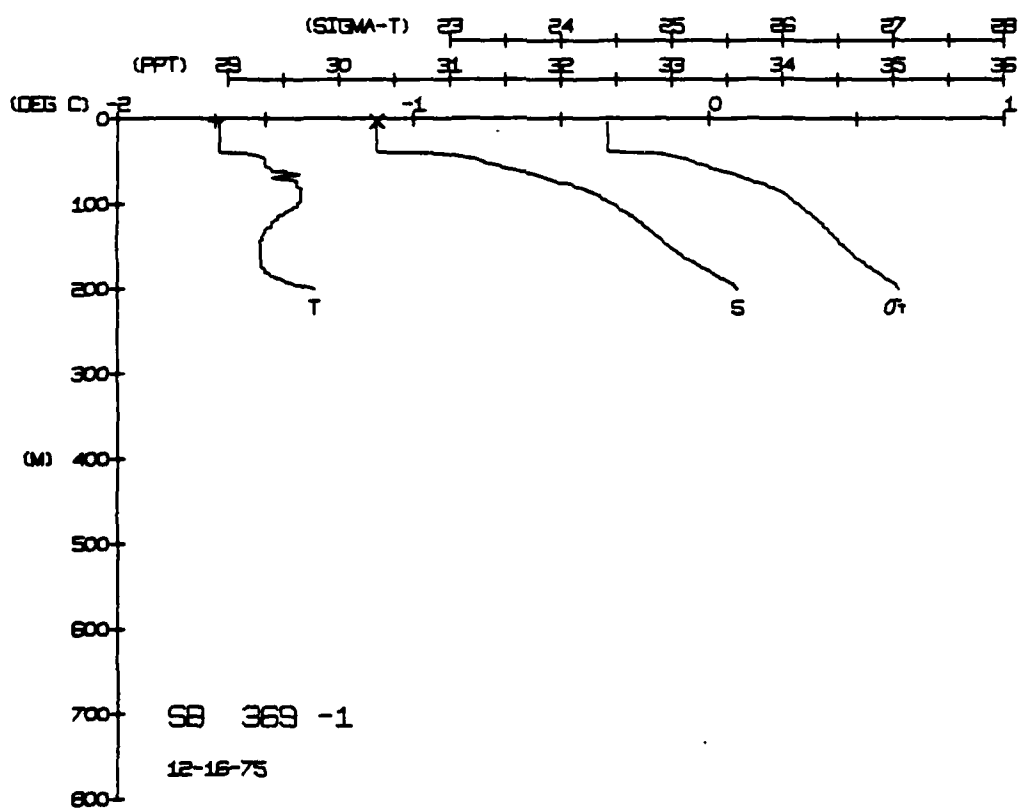
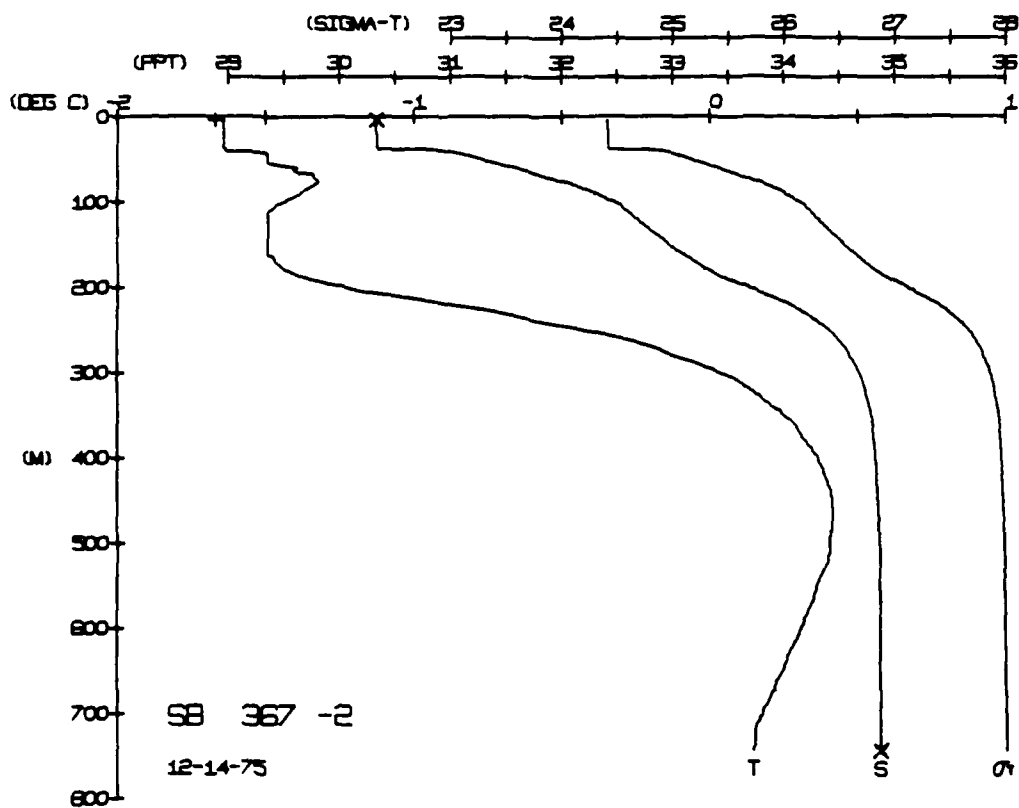


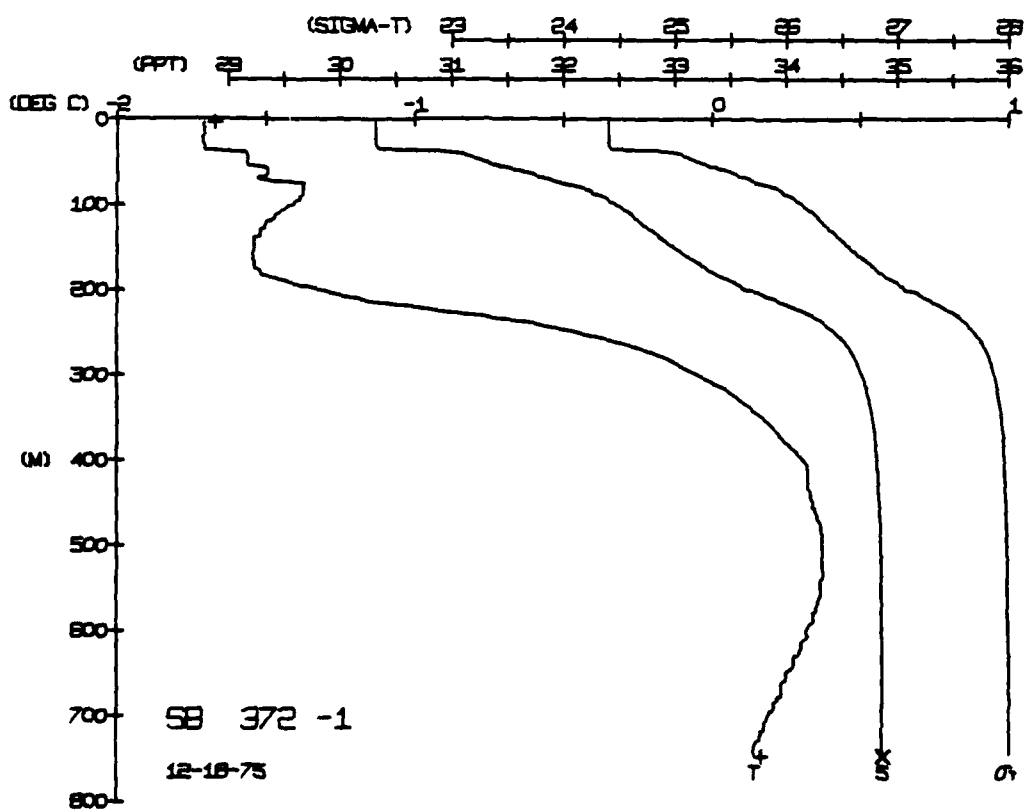
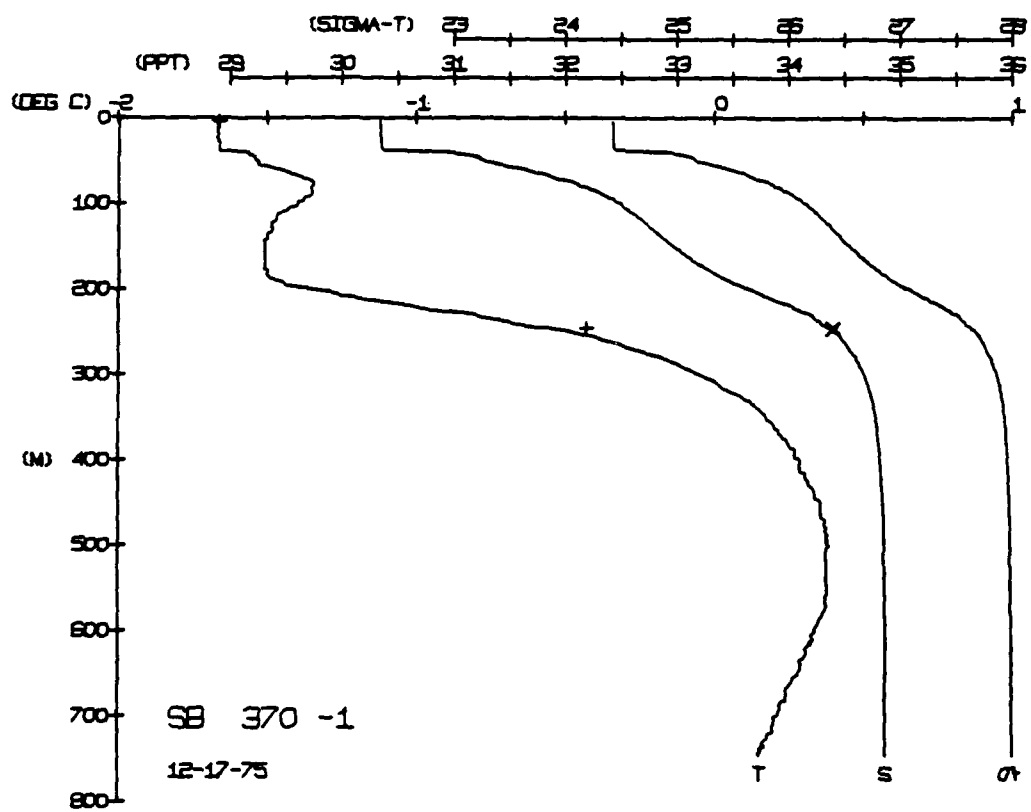
SNOWBIRD STATION 367(2) CTD 14/DEC/1975 2040 GMT CUDE = 2
 LAT = 73.8763N LNG = 144.8818W LTER = 0. LGER = 0.
 AIR TEMP = -30.0 BARUM = 1016.5 WIND = 0. SPEED = 0.

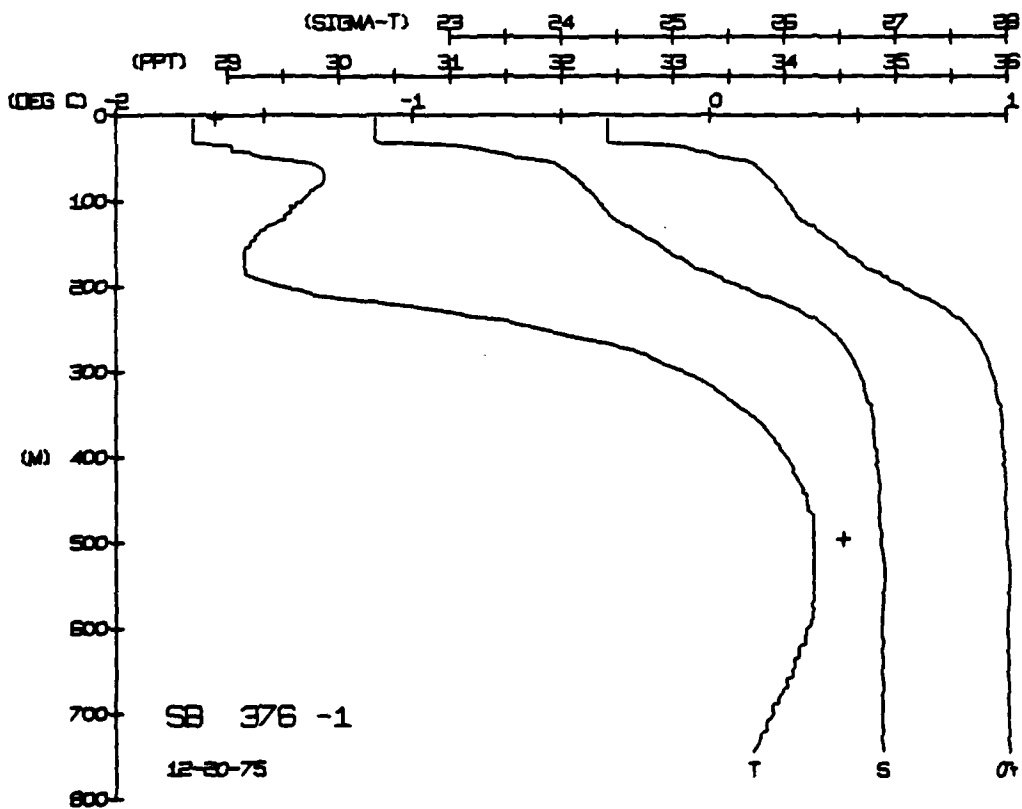
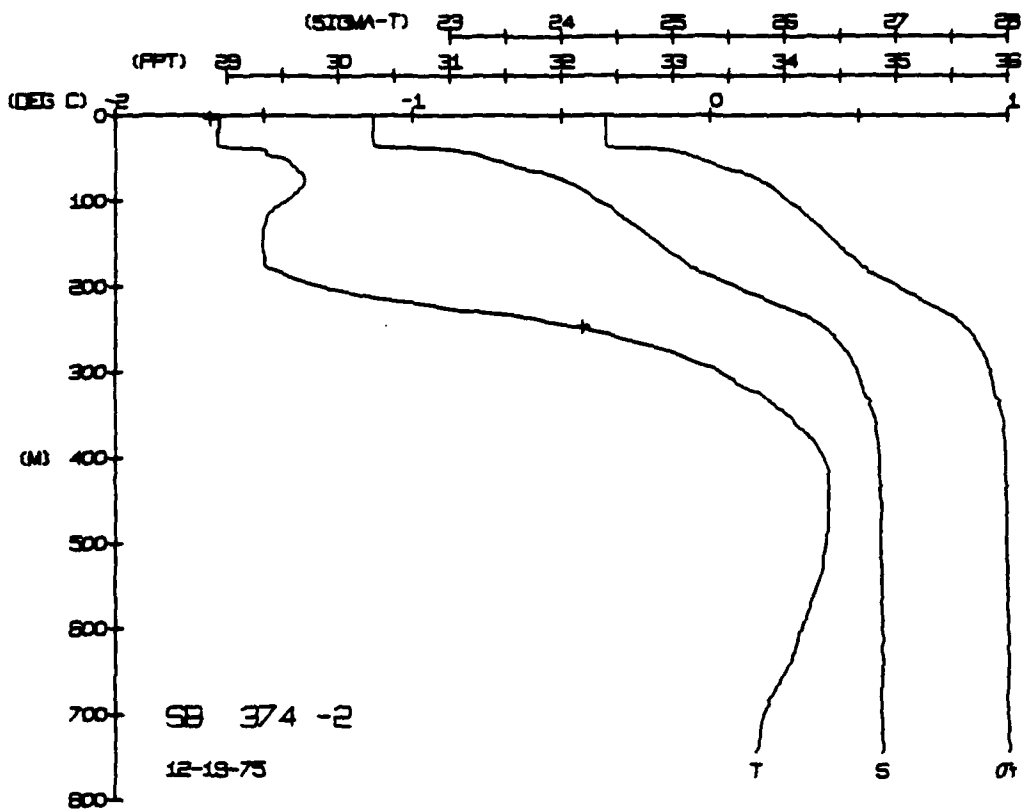
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP.	SALIN	BUT NUM = 1	BUT NUM = 2
0	6.4	6.4	33	24.4	8.8	0	0	0	-1.67	30.33		
5	6.4	6.4	33	24.4	7.7	0	135	1435		30.33		
10	6.4	6.4	33	24.4	7.7	0	1435	1435		34.48		
15	6.4	6.4	33	24.4	7.7	0	1435	1435				
20	6.4	6.4	33	24.4	7.7	0	1435	1435				
25	6.4	6.4	33	24.4	7.7	0	1435	1435				
30	6.4	6.4	33	24.4	7.7	0	1435	1435				
35	6.4	6.4	33	24.4	7.7	0	1435	1435				
40	6.4	6.4	33	24.4	7.7	0	1435	1435				
45	6.4	6.4	33	24.4	7.7	0	1435	1435				
50	6.4	6.4	33	24.4	7.7	0	1435	1435				
55	6.4	6.4	33	24.4	7.7	0	1435	1435				
60	6.4	6.4	33	24.4	7.7	0	1435	1435				
65	6.4	6.4	33	24.4	7.7	0	1435	1435				
70	6.4	6.4	33	24.4	7.7	0	1435	1435				
75	6.4	6.4	33	24.4	7.7	0	1435	1435				
80	6.4	6.4	33	24.4	7.7	0	1435	1435				
85	6.4	6.4	33	24.4	7.7	0	1435	1435				
90	6.4	6.4	33	24.4	7.7	0	1435	1435				
95	6.4	6.4	33	24.4	7.7	0	1435	1435				
100	6.4	6.4	33	24.4	7.7	0	1435	1435				
105	6.4	6.4	33	24.4	7.7	0	1435	1435				
110	6.4	6.4	33	24.4	7.7	0	1435	1435				
115	6.4	6.4	33	24.4	7.7	0	1435	1435				
120	6.4	6.4	33	24.4	7.7	0	1435	1435				
125	6.4	6.4	33	24.4	7.7	0	1435	1435				
130	6.4	6.4	33	24.4	7.7	0	1435	1435				
135	6.4	6.4	33	24.4	7.7	0	1435	1435				
140	6.4	6.4	33	24.4	7.7	0	1435	1435				
145	6.4	6.4	33	24.4	7.7	0	1435	1435				
150	6.4	6.4	33	24.4	7.7	0	1435	1435				
155	6.4	6.4	33	24.4	7.7	0	1435	1435				
160	6.4	6.4	33	24.4	7.7	0	1435	1435				
165	6.4	6.4	33	24.4	7.7	0	1435	1435				
170	6.4	6.4	33	24.4	7.7	0	1435	1435				
175	6.4	6.4	33	24.4	7.7	0	1435	1435				
180	6.4	6.4	33	24.4	7.7	0	1435	1435				
185	6.4	6.4	33	24.4	7.7	0	1435	1435				
190	6.4	6.4	33	24.4	7.7	0	1435	1435				
195	6.4	6.4	33	24.4	7.7	0	1435	1435				
200	6.4	6.4	33	24.4	7.7	0	1435	1435				
205	6.4	6.4	33	24.4	7.7	0	1435	1435				
210	6.4	6.4	33	24.4	7.7	0	1435	1435				
215	6.4	6.4	33	24.4	7.7	0	1435	1435				
220	6.4	6.4	33	24.4	7.7	0	1435	1435				
225	6.4	6.4	33	24.4	7.7	0	1435	1435				
230	6.4	6.4	33	24.4	7.7	0	1435	1435				
235	6.4	6.4	33	24.4	7.7	0	1435	1435				
240	6.4	6.4	33	24.4	7.7	0	1435	1435				
245	6.4	6.4	33	24.4	7.7	0	1435	1435				
250	6.4	6.4	33	24.4	7.7	0	1435	1435				
255	6.4	6.4	33	24.4	7.7	0	1435	1435				
260	6.4	6.4	33	24.4	7.7	0	1435	1435				
265	6.4	6.4	33	24.4	7.7	0	1435	1435				
270	6.4	6.4	33	24.4	7.7	0	1435	1435				
275	6.4	6.4	33	24.4	7.7	0	1435	1435				
280	6.4	6.4	33	24.4	7.7	0	1435	1435				
285	6.4	6.4	33	24.4	7.7	0	1435	1435				
290	6.4	6.4	33	24.4	7.7	0	1435	1435				
295	6.4	6.4	33	24.4	7.7	0	1435	1435				
300	6.4	6.4	33	24.4	7.7	0	1435	1435				
305	6.4	6.4	33	24.4	7.7	0	1435	1435				
310	6.4	6.4	33	24.4	7.7	0	1435	1435				
315	6.4	6.4	33	24.4	7.7	0	1435	1435				
320	6.4	6.4	33	24.4	7.7	0	1435	1435				
325	6.4	6.4	33	24.4	7.7	0	1435	1435				
330	6.4	6.4	33	24.4	7.7	0	1435	1435				
335	6.4	6.4	33	24.4	7.7	0	1435	1435				
340	6.4	6.4	33	24.4	7.7	0	1435	1435				
345	6.4	6.4	33	24.4	7.7	0	1435	1435				
350	6.4	6.4	33	24.4	7.7	0	1435	1435				
355	6.4	6.4	33	24.4	7.7	0	1435	1435				
360	6.4	6.4	33	24.4	7.7	0	1435	1435				
365	6.4	6.4	33	24.4	7.7	0	1435	1435				
370	6.4	6.4	33	24.4	7.7	0	1435	1435				
375	6.4	6.4	33	24.4	7.7	0	1435	1435				
380	6.4	6.4	33	24.4	7.7	0	1435	1435				
385	6.4	6.4	33	24.4	7.7	0	1435	1435				
390	6.4	6.4	33	24.4	7.7	0	1435	1435				
395	6.4	6.4	33	24.4	7.7	0	1435	1435				
400	6.4	6.4	33	24.4	7.7	0	1435	1435				
405	6.4	6.4	33	24.4	7.7	0	1435	1435				
410	6.4	6.4	33	24.4	7.7	0	1435	1435				
415	6.4	6.4	33	24.4	7.7	0	1435	1435				
420	6.4	6.4	33	24.4	7.7	0	1435	1435				
425	6.4	6.4	33	24.4	7.7	0	1435	1435				
430	6.4	6.4	33	24.4	7.7	0	1435	1435				
435	6.4	6.4	33	24.4	7.7	0	1435	1435				
440	6.4	6.4	33	24.4	7.7	0	1435	1435				
445	6.4	6.4	33	24.4	7.7	0	1435	1435				
450	6.4	6.4	33	24.4	7.7	0	1435	1435				
455	6.4	6.4	33	24.4	7.7	0	1435	1435				
460	6.4	6.4	33	24.4	7.7	0	1435	1435				
465	6.4	6.4	33	24.4	7.7	0	1435	1435				
470	6.4	6.4	33	24.4	7.7	0	1435	1435				
475	6.4	6.4	33	24.4	7.7	0	1435	1435				
480	6.4	6.4	33	24.4	7.7	0	1435	1435				
485	6.4	6.4	33	24.4	7.7	0	1435	1435				
490	6.4	6.4	33	24.4	7.7	0	1435	1435				
495	6.4	6.4	33	24.4	7.7	0	1435	1435				
500	6.4	6.4	33	24.4	7.7	0	1435	1435				

SNOWBIRD STATION 369(1) CTD 16/DEC/1975 2021 GMT CUDE = 2
 LAT = 73.9014N LNG = 144.8561W LTER = 2. LGER = 2.
 AIR TEMP = -30.0 BARUM = 1015.5 WIND = 71.8 SPEED = 52.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	DEPTH	TEMP.	SALIN	BUT NUM = 1	BUT NUM = 2
0	6.5	6.5	33	24.4	8.8	0	0	0	-1.67	30.34		
5	6.5	6.5	33	24.4	7.7	0	135	1435		30.34		
10	6.5	6.5	33	24.4	7.7	0	1435	1435		34.48		
15	6.5	6.5	33	24.4	7.7	0	1435	1435				
20	6.5	6.5	33	24.4	7.7	0	1435	1435				
25	6.5	6.5	33	24.4	7.7	0	1435	1435				
30	6.5	6.5	33	24.4	7.7	0	1435	1435				
35	6.5	6.5	33	24.4	7.7	0	1435	1435				
40	6.5	6.5	33	24.4	7.7	0	1435	1435				
45	6.5	6.5	33	24.4	7.7	0	1435	1435				
50	6.5	6.5	33	24.4	7.7	0	1435	1435				
55	6.5	6.5	33	24.4	7.7	0	1435	1435				
60	6.5	6.5	33	24.4	7.7	0	1435	1435				
65	6.5	6.5	33	24.4	7.7	0	1435	1435				
70	6.5	6.5	33	24.4	7.7	0	1435	1435				
75	6.5	6.5	33	24.4	7.7	0	1435	1435				
80	6.5	6.5	33	24.4	7.7	0	1435	1435				
85	6.5	6.5	33	24.4	7.7	0	1435	1435				
90	6.5	6.5	33	24.4	7.7	0	1435	1435				
95	6.5	6.5	33	24.4	7.7	0	1435	1435				
100	6.5	6.5	33	24.4	7.7	0	1435	1435				
105	6.5	6.5	33	24.4	7.7	0	1435	1435				
110	6.5	6.5	33	24.4	7.7	0	1435	1435				
115	6.5	6.5	33	24.4	7.7	0	1435	1435				
120	6.5	6.5	33	24.4	7.7	0	1435	1435				







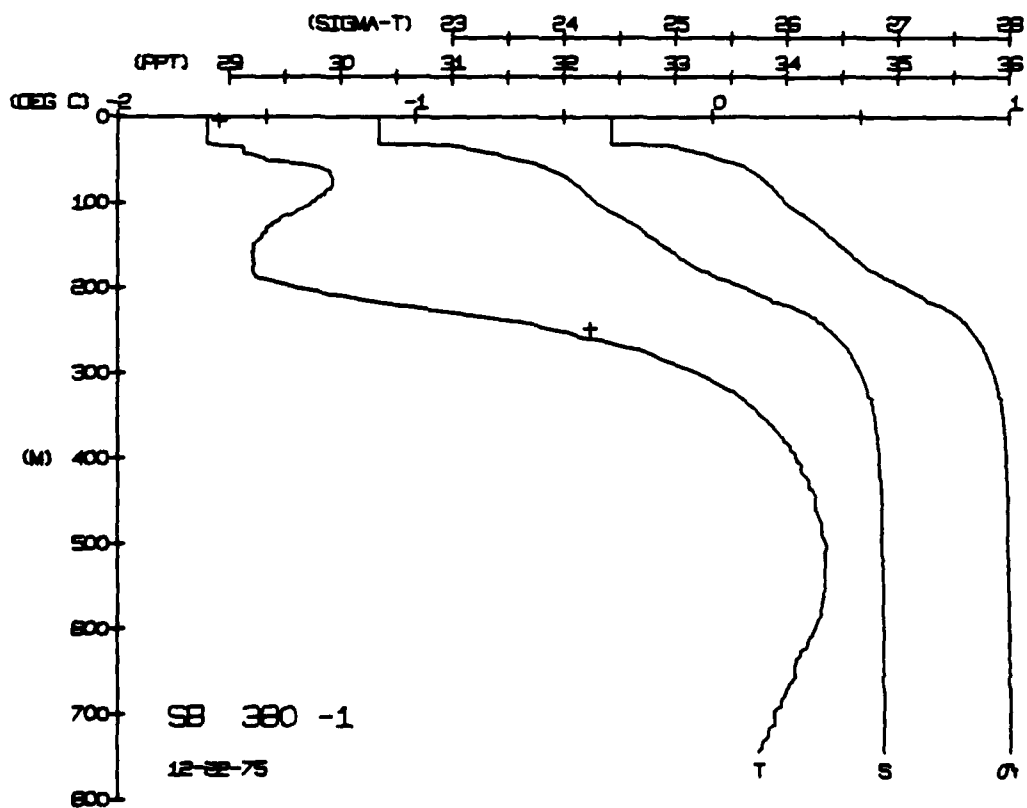
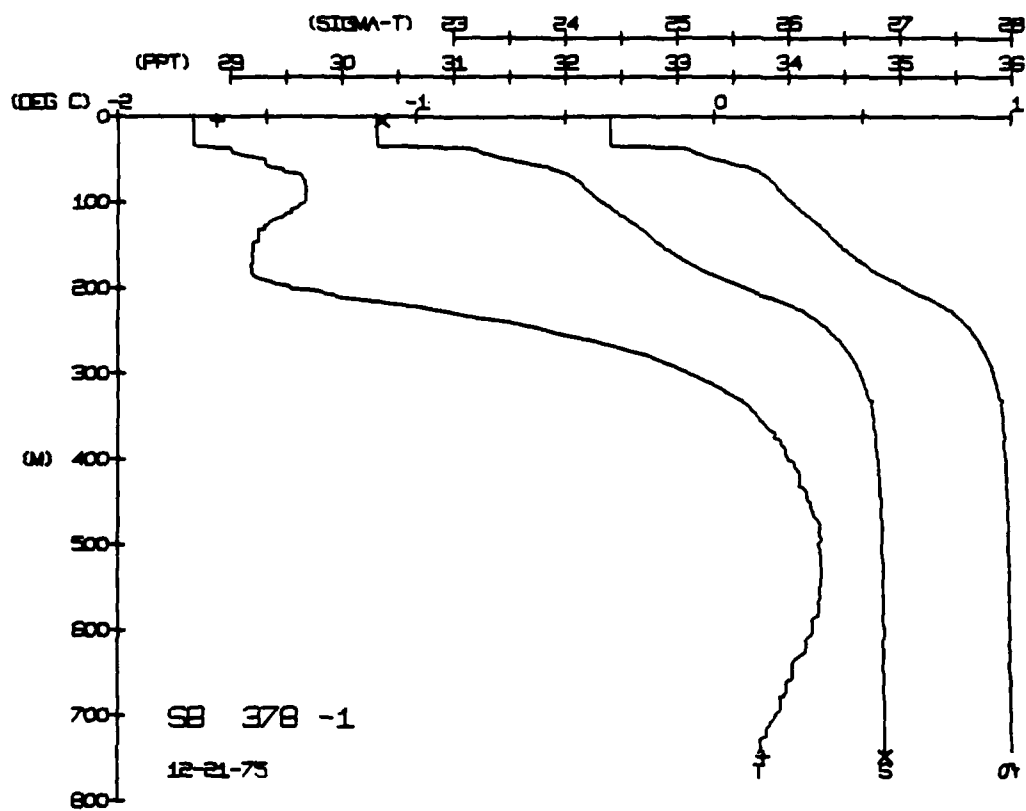
SNOWBIRD STATION 318(1) CTD 21/DEC/1975 1752 GMT CODE = 2
LAT = 73.799N LONG = 144.9229W UTM = 144.9229M UTM = 0.33
AIR TEMP = -33.0 BAROM = 1021.0 WIND = 242.1 LGCR = 42.5
SOUND

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	75	75	30	22	5	00	1434
1	75	75	30	22	5	00	1434
2	75	75	30	22	5	00	1434
3	75	75	30	22	5	00	1434
4	75	75	30	22	5	00	1434
5	75	75	30	22	5	00	1434
6	75	75	30	22	5	00	1434
7	75	75	30	22	5	00	1434
8	75	75	30	22	5	00	1434
9	75	75	30	22	5	00	1434
10	75	75	30	22	5	00	1434
11	75	75	30	22	5	00	1434
12	75	75	30	22	5	00	1434
13	75	75	30	22	5	00	1434
14	75	75	30	22	5	00	1434
15	75	75	30	22	5	00	1434
16	75	75	30	22	5	00	1434
17	75	75	30	22	5	00	1434
18	75	75	30	22	5	00	1434
19	75	75	30	22	5	00	1434
20	75	75	30	22	5	00	1434
21	75	75	30	22	5	00	1434
22	75	75	30	22	5	00	1434
23	75	75	30	22	5	00	1434
24	75	75	30	22	5	00	1434
25	75	75	30	22	5	00	1434
26	75	75	30	22	5	00	1434
27	75	75	30	22	5	00	1434
28	75	75	30	22	5	00	1434
29	75	75	30	22	5	00	1434
30	75	75	30	22	5	00	1434
31	75	75	30	22	5	00	1434
32	75	75	30	22	5	00	1434
33	75	75	30	22	5	00	1434
34	75	75	30	22	5	00	1434
35	75	75	30	22	5	00	1434
36	75	75	30	22	5	00	1434
37	75	75	30	22	5	00	1434
38	75	75	30	22	5	00	1434
39	75	75	30	22	5	00	1434
40	75	75	30	22	5	00	1434
41	75	75	30	22	5	00	1434
42	75	75	30	22	5	00	1434
43	75	75	30	22	5	00	1434
44	75	75	30	22	5	00	1434
45	75	75	30	22	5	00	1434
46	75	75	30	22	5	00	1434
47	75	75	30	22	5	00	1434
48	75	75	30	22	5	00	1434
49	75	75	30	22	5	00	1434
50	75	75	30	22	5	00	1434
51	75	75	30	22	5	00	1434
52	75	75	30	22	5	00	1434
53	75	75	30	22	5	00	1434
54	75	75	30	22	5	00	1434
55	75	75	30	22	5	00	1434
56	75	75	30	22	5	00	1434
57	75	75	30	22	5	00	1434
58	75	75	30	22	5	00	1434
59	75	75	30	22	5	00	1434
60	75	75	30	22	5	00	1434
61	75	75	30	22	5	00	1434
62	75	75	30	22	5	00	1434
63	75	75	30	22	5	00	1434
64	75	75	30	22	5	00	1434
65	75	75	30	22	5	00	1434
66	75	75	30	22	5	00	1434
67	75	75	30	22	5	00	1434
68	75	75	30	22	5	00	1434
69	75	75	30	22	5	00	1434
70	75	75	30	22	5	00	1434
71	75	75	30	22	5	00	1434
72	75	75	30	22	5	00	1434
73	75	75	30	22	5	00	1434
74	75	75	30	22	5	00	1434
75	75	75	30	22	5	00	1434
76	75	75	30	22	5	00	1434
77	75	75	30	22	5	00	1434
78	75	75	30	22	5	00	1434
79	75	75	30	22	5	00	1434
80	75	75	30	22	5	00	1434
81	75	75	30	22	5	00	1434
82	75	75	30	22	5	00	1434
83	75	75	30	22	5	00	1434
84	75	75	30	22	5	00	1434
85	75	75	30	22	5	00	1434
86	75	75	30	22	5	00	1434
87	75	75	30	22	5	00	1434
88	75	75	30	22	5	00	1434
89	75	75	30	22	5	00	1434
90	75	75	30	22	5	00	1434
91	75	75	30	22	5	00	1434
92	75	75	30	22	5	00	1434
93	75	75	30	22	5	00	1434
94	75	75	30	22	5	00	1434
95	75	75	30	22	5	00	1434
96	75	75	30	22	5	00	1434
97	75	75	30	22	5	00	1434
98	75	75	30	22	5	00	1434
99	75	75	30	22	5	00	1434
100	75	75	30	22	5	00	1434

DEPTH 4.4
TEMP -1.67
SALIN 30.35
BUT NUM = 1
ROT NUM = 2

SNOWBIRD STATION 380(1) CTD 22/DEC/1975 1800 GMT CODE = 2
LAT = 73.8076N LONG = 144.9889W UTM = 144.9889M UTM = 0.0
AIR TEMP = -31.1 BAROM = 1015.9 WIND = 81.9 SPEED = 43.8
SOUND

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	70	70	34	22	5	00	1434
1	70	70	34	22	5	00	1434
2	70	70	34	22	5	00	1434
3	70	70	34	22	5	00	1434
4	70	70	34	22	5	00	1434
5	70	70	34	22	5	00	1434
6	70	70	34	22	5	00	1434
7	70	70	34	22	5	00	1434
8	70	70	34	22	5	00	1434
9	70	70	34	22	5	00	1434
10	70	70	34	22	5	00	1434
11	70	70	34	22	5	00	1434
12	70	70	34	22	5	00	1434
13	70	70	34	22	5	00	1434
14	70	70	34	22	5	00	1434
15	70	70	34	22	5	00	1434
16	70	70	34	22	5	00	1434
17	70	70	34	22	5	00	1434
18	70	70	34	22	5	00	1434
19	70	70	34	22	5	00	1434
20	70	70	34	22	5	00	1434
21	70	70	34	22	5	00	1434
22	70	70	34	22	5	00	1434
23	70	70	34	22	5	00	1434
24	70	70	34	22	5	00	1434
25	70	70	34	22	5	00	1434
26	70	70	34	22	5	00	1434
27	70	70	34	22	5	00	1434
28	70	70	34	22	5	00	1434
29	70	70	34	22	5	00	1434
30	70	70	34	22	5	00	1434
31	70	70	34	22	5	00	1434
32	70	70	34	22	5	00	1434
33	70	70	34	22	5	00	1434
34	70	70	34	22	5	00	1434
35	70	70	34	22	5	00	1434
36	70	70	34	22	5	00	1434
37	70	70	34	22	5	00	1434
38	70	70	34	22	5	00	1434
39	70	70	34	22	5	00	1434
40	70	70	34	22	5	00	1434
41	70	70	34	22	5	00	1434
42	70	70	34	22	5	00	1434
43	70	70	34	22	5	00	1434
44	70	70	34	22	5	00	1434
45	70	70	34	22	5	00	1434
46	70	70	34	22	5	00	1434
47	70	70	34	22	5	00	1434
48	70	70	34	22	5	00	1434
49	70	70	34	22	5	00	1434
50	70	70	34	22	5	00	1434
51	70	70	34	22	5	00	1434
52	70	70	34	22	5	00	1434
53	70	70	34	22	5	00	1434
54	70	70	34	22	5	00	1434
55	70	70	34	22	5	00	1434
56	70	70	34	22	5	00	1434
57	70	70	34	22	5	00	1434
58	70	70	34	22	5	00	1434
59	70	70	34	22	5	00	1434
60	70	70	34	22	5	00	1434
61	70	70	34	22	5	00	1434
62	70	70	34	22	5	00	1434
63	70	70	34	22	5	00	1434
64	70	70	34	22	5	00	1434
65	70	70	34	22	5	00	1434
66	70	70	34	22	5	00	1434
67	70	70	34	22	5	00	1434
68	70	70	34	22	5	00	1434
69	70	70	34	22	5	00	1434
70	70	70	34	22	5	00	1434
71	70	70	34	22	5	00	1434
72	70	70	34	22	5	00	1434
73	70	70	34	22	5	00	1434
74	70	70	34	22	5	00	1434
75	70	70	34	22	5	00	1434
76	70	70	34	22	5	00	1434
77	70	70	34	22	5	00	1434
78	70	70	34	22	5	00	1434
79	70	70	34	22	5	00	1434
80	70	70	34	22	5	00	1434
81	70	70	34	22	5	00	1434
82	70	70	34	22	5	00	1434
83	70	70	34	22	5	00	1434
84	70	70	34	22	5	00	1434
85	70	70	34	22	5	00	1434
86	70	70	34	22	5	00	1434
87	70	70	34	22	5	00	1434
88	70	70	34	22	5	00	1434
89	70	70	34	22	5	00	1434
90	70	70	34	22	5	00	1434
91	70	70	34	22	5	00	1434
92	70	70	34	22	5	00	1434
93							



SNOWBIRD STATION 390(1) CTD 28/DEC/1975 1800 GMT CODE = 2
LAT = 73.8334N LNG = 145.3054W LTER = 23 LGER = 35
AIR TEMP = -31.1 BARUM = 1003.8 WIND = 81.9 SPEED = 43.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	7.1	7.1	37.1	4.5	4.5	0.0	1.8
1	7.1	7.1	37.1	4.5	4.5	0.0	1.8
2	7.1	7.1	37.1	4.5	4.5	0.0	1.8
3	7.1	7.1	37.1	4.5	4.5	0.0	1.8
4	7.1	7.1	37.1	4.5	4.5	0.0	1.8
5	7.1	7.1	37.1	4.5	4.5	0.0	1.8
6	7.1	7.1	37.1	4.5	4.5	0.0	1.8
7	7.1	7.1	37.1	4.5	4.5	0.0	1.8
8	7.1	7.1	37.1	4.5	4.5	0.0	1.8
9	7.1	7.1	37.1	4.5	4.5	0.0	1.8
10	7.1	7.1	37.1	4.5	4.5	0.0	1.8
11	7.1	7.1	37.1	4.5	4.5	0.0	1.8
12	7.1	7.1	37.1	4.5	4.5	0.0	1.8
13	7.1	7.1	37.1	4.5	4.5	0.0	1.8
14	7.1	7.1	37.1	4.5	4.5	0.0	1.8
15	7.1	7.1	37.1	4.5	4.5	0.0	1.8
16	7.1	7.1	37.1	4.5	4.5	0.0	1.8
17	7.1	7.1	37.1	4.5	4.5	0.0	1.8
18	7.1	7.1	37.1	4.5	4.5	0.0	1.8
19	7.1	7.1	37.1	4.5	4.5	0.0	1.8
20	7.1	7.1	37.1	4.5	4.5	0.0	1.8
21	7.1	7.1	37.1	4.5	4.5	0.0	1.8
22	7.1	7.1	37.1	4.5	4.5	0.0	1.8
23	7.1	7.1	37.1	4.5	4.5	0.0	1.8
24	7.1	7.1	37.1	4.5	4.5	0.0	1.8
25	7.1	7.1	37.1	4.5	4.5	0.0	1.8
26	7.1	7.1	37.1	4.5	4.5	0.0	1.8
27	7.1	7.1	37.1	4.5	4.5	0.0	1.8
28	7.1	7.1	37.1	4.5	4.5	0.0	1.8
29	7.1	7.1	37.1	4.5	4.5	0.0	1.8
30	7.1	7.1	37.1	4.5	4.5	0.0	1.8
31	7.1	7.1	37.1	4.5	4.5	0.0	1.8
32	7.1	7.1	37.1	4.5	4.5	0.0	1.8
33	7.1	7.1	37.1	4.5	4.5	0.0	1.8
34	7.1	7.1	37.1	4.5	4.5	0.0	1.8
35	7.1	7.1	37.1	4.5	4.5	0.0	1.8
36	7.1	7.1	37.1	4.5	4.5	0.0	1.8
37	7.1	7.1	37.1	4.5	4.5	0.0	1.8
38	7.1	7.1	37.1	4.5	4.5	0.0	1.8
39	7.1	7.1	37.1	4.5	4.5	0.0	1.8
40	7.1	7.1	37.1	4.5	4.5	0.0	1.8
41	7.1	7.1	37.1	4.5	4.5	0.0	1.8
42	7.1	7.1	37.1	4.5	4.5	0.0	1.8
43	7.1	7.1	37.1	4.5	4.5	0.0	1.8
44	7.1	7.1	37.1	4.5	4.5	0.0	1.8
45	7.1	7.1	37.1	4.5	4.5	0.0	1.8
46	7.1	7.1	37.1	4.5	4.5	0.0	1.8
47	7.1	7.1	37.1	4.5	4.5	0.0	1.8
48	7.1	7.1	37.1	4.5	4.5	0.0	1.8
49	7.1	7.1	37.1	4.5	4.5	0.0	1.8
50	7.1	7.1	37.1	4.5	4.5	0.0	1.8
51	7.1	7.1	37.1	4.5	4.5	0.0	1.8
52	7.1	7.1	37.1	4.5	4.5	0.0	1.8
53	7.1	7.1	37.1	4.5	4.5	0.0	1.8
54	7.1	7.1	37.1	4.5	4.5	0.0	1.8
55	7.1	7.1	37.1	4.5	4.5	0.0	1.8
56	7.1	7.1	37.1	4.5	4.5	0.0	1.8
57	7.1	7.1	37.1	4.5	4.5	0.0	1.8
58	7.1	7.1	37.1	4.5	4.5	0.0	1.8
59	7.1	7.1	37.1	4.5	4.5	0.0	1.8
60	7.1	7.1	37.1	4.5	4.5	0.0	1.8
61	7.1	7.1	37.1	4.5	4.5	0.0	1.8
62	7.1	7.1	37.1	4.5	4.5	0.0	1.8
63	7.1	7.1	37.1	4.5	4.5	0.0	1.8
64	7.1	7.1	37.1	4.5	4.5	0.0	1.8
65	7.1	7.1	37.1	4.5	4.5	0.0	1.8
66	7.1	7.1	37.1	4.5	4.5	0.0	1.8
67	7.1	7.1	37.1	4.5	4.5	0.0	1.8
68	7.1	7.1	37.1	4.5	4.5	0.0	1.8
69	7.1	7.1	37.1	4.5	4.5	0.0	1.8
70	7.1	7.1	37.1	4.5	4.5	0.0	1.8
71	7.1	7.1	37.1	4.5	4.5	0.0	1.8
72	7.1	7.1	37.1	4.5	4.5	0.0	1.8
73	7.1	7.1	37.1	4.5	4.5	0.0	1.8
74	7.1	7.1	37.1	4.5	4.5	0.0	1.8
75	7.1	7.1	37.1	4.5	4.5	0.0	1.8
76	7.1	7.1	37.1	4.5	4.5	0.0	1.8
77	7.1	7.1	37.1	4.5	4.5	0.0	1.8
78	7.1	7.1	37.1	4.5	4.5	0.0	1.8
79	7.1	7.1	37.1	4.5	4.5	0.0	1.8
80	7.1	7.1	37.1	4.5	4.5	0.0	1.8
81	7.1	7.1	37.1	4.5	4.5	0.0	1.8
82	7.1	7.1	37.1	4.5	4.5	0.0	1.8
83	7.1	7.1	37.1	4.5	4.5	0.0	1.8
84	7.1	7.1	37.1	4.5	4.5	0.0	1.8
85	7.1	7.1	37.1	4.5	4.5	0.0	1.8
86	7.1	7.1	37.1	4.5	4.5	0.0	1.8
87	7.1	7.1	37.1	4.5	4.5	0.0	1.8
88	7.1	7.1	37.1	4.5	4.5	0.0	1.8
89	7.1	7.1	37.1	4.5	4.5	0.0	1.8
90	7.1	7.1	37.1	4.5	4.5	0.0	1.8
91	7.1	7.1	37.1	4.5	4.5	0.0	1.8
92	7.1	7.1	37.1	4.5	4.5	0.0	1.8
93	7.1	7.1	37.1	4.5	4.5	0.0	1.8
94	7.1	7.1	37.1	4.5	4.5	0.0	1.8
95	7.1	7.1	37.1	4.5	4.5	0.0	1.8
96	7.1	7.1	37.1	4.5	4.5	0.0	1.8
97	7.1	7.1	37.1	4.5	4.5	0.0	1.8
98	7.1	7.1	37.1	4.5	4.5	0.0	1.8
99	7.1	7.1	37.1	4.5	4.5	0.0	1.8
100	7.1	7.1	37.1	4.5	4.5	0.0	1.8

DEPTH 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0 10.5 11.0 11.5 12.0 12.5 13.0 13.5 14.0 14.5 15.0 15.5 16.0 16.5 17.0 17.5 18.0 18.5 19.0 19.5 20.0 20.5 21.0 21.5 22.0 22.5 23.0 23.5 24.0 24.5 25.0 25.5 26.0 26.5 27.0 27.5 28.0 28.5 29.0 29.5 30.0 30.5 31.0 31.5 32.0 32.5 33.0 33.5 34.0 34.5 35.0 35.5 36.0 36.5 37.0 37.5 38.0 38.5 39.0 39.5 40.0 40.5 41.0 41.5 42.0 42.5 43.0 43.5 44.0 44.5 45.0 45.5 46.0 46.5 47.0 47.5 48.0 48.5 49.0 49.5 50.0 50.5 51.0 51.5 52.0 52.5 53.0 53.5 54.0 54.5 55.0 55.5 56.0 56.5 57.0 57.5 58.0 58.5 59.0 59.5 60.0 60.5 61.0 61.5 62.0 62.5 63.0 63.5 64.0 64.5 65.0 65.5 66.0 66.5 67.0 67.5 68.0 68.5 69.0 69.5 70.0 70.5 71.0 71.5 72.0 72.5 73.0 73.5 74.0 74.5 75.0 75.5 76.0 76.5 77.0 77.5 78.0 78.5 79.0 79.5 80.0 80.5 81.0 81.5 82.0 82.5 83.0 83.5 84.0 84.5 85.0 85.5 86.0 86.5 87.0 87.5 88.0 88.5 89.0 89.5 90.0 90.5 91.0 91.5 92.0 92.5 93.0 93.5 94.0 94.5 95.0 95.5 96.0 96.5 97.0 97.5 98.0 98.5 99.0 99.5 100.0

TEMP. -1.67 -0.45

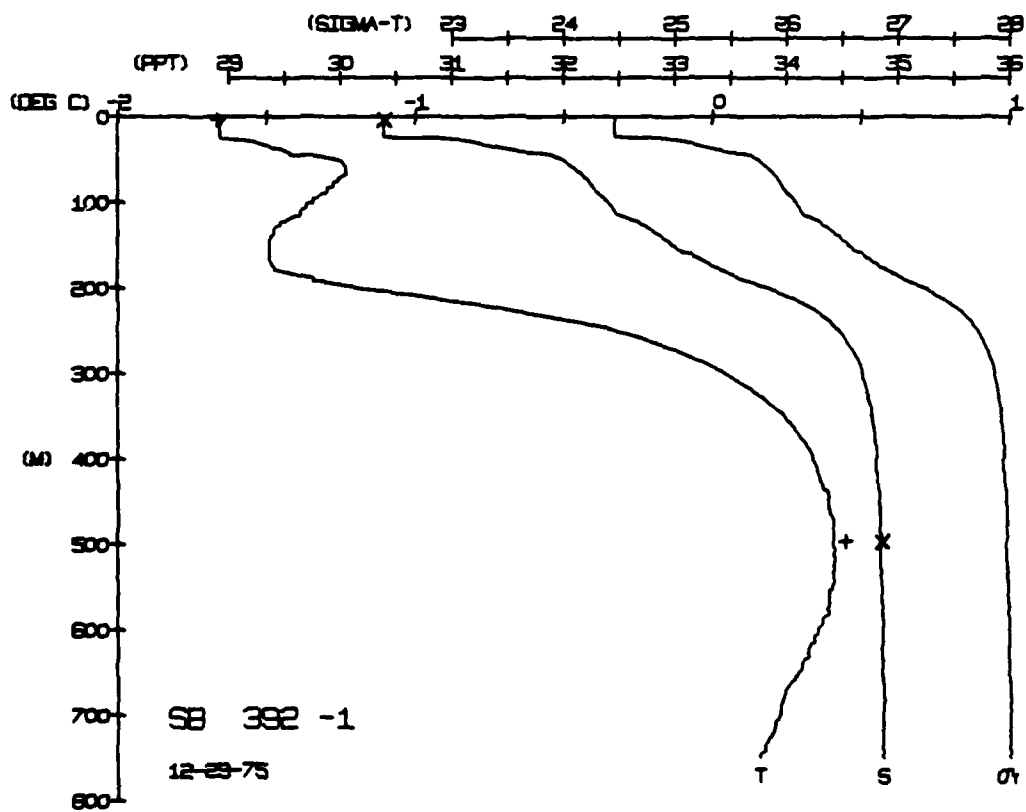
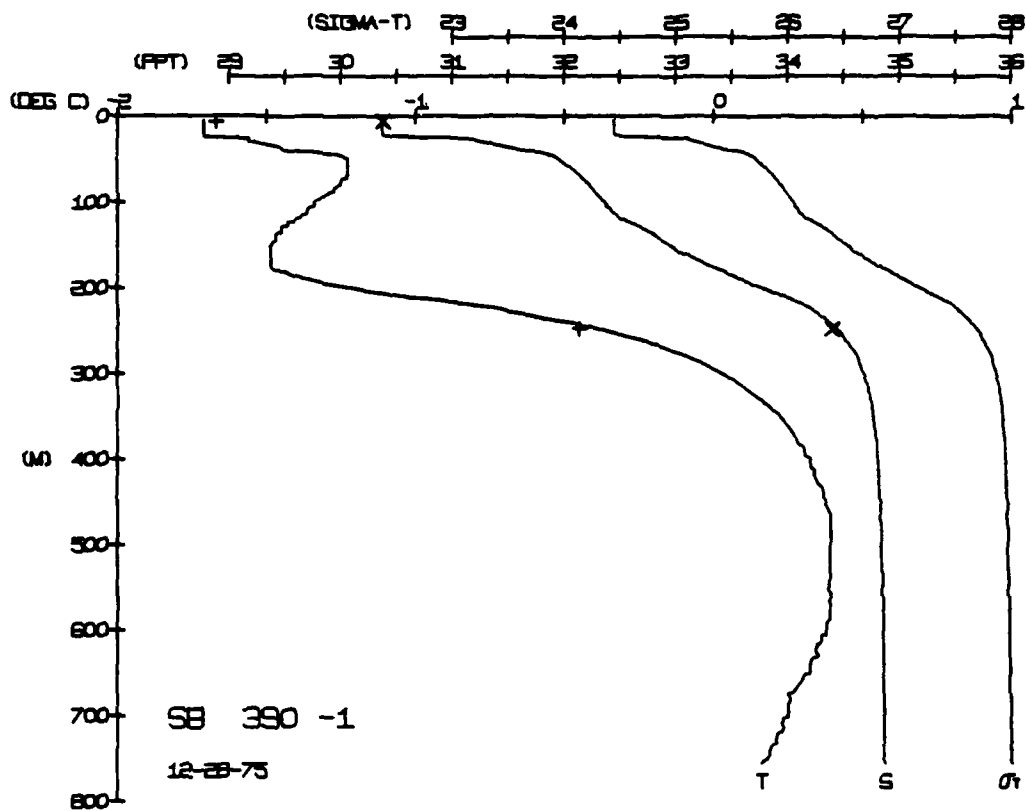
SALIN 30.37 34.40

HUT NUM = 1

HUT NUM = 2

SNOWBIRD STATION 392(1) CTD 29/DEC/1975 1958 GMT CODE = 2
LAT = 73.8232N LNG = 145.1603W LTER = 0 LGER = 11
AIR TEMP = -22.1 BARUM = 1012.4 WIND = 266.6 SPEED = 59.5

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	5.5	5.5	37.1	4.5	4.5	0.0	1.8
1	5.5	5.5	37.1	4.5	4.5	0.0	1.8
2	5.5	5.5	37.1	4.5	4.5	0.0	1.8
3	5.5	5.5	37.1	4.5	4.5	0.0	1.8
4	5.5	5.5	37.1	4.5	4.5	0.0	1.8
5	5.5	5.5	37.1	4.5	4.5	0.0	1.8
6	5.5	5.5	37.1	4.5	4.5	0.0	1.8
7	5.5	5.5	37.1	4.5	4.5	0.0	1.8
8	5.5	5.5	37.1	4.5	4.5	0.0	1.8
9	5.5	5.5	37.1	4.5	4.5	0.0	1.8
10	5.5	5.5	37.1	4.5	4.5	0.0	1.8
11	5.5	5.5	37.1	4.5	4.5	0.0	1.8
12	5.5	5.5	37.1	4.5	4.5	0.0	1.8
13	5.5	5.5	37.1	4.5	4.5	0.0	1.8
14	5.5	5.5	37.1	4.5	4.5	0.0	1.8
15	5.5	5.5	37.1	4.5	4.5	0.0	1.8
16	5.5	5.5	37.1	4.5	4.5	0.0	1.8
17	5.5	5.5	37.1	4.5	4.5	0.0	1.8
18	5.5	5.5	37.1	4.5	4.5	0.0	1.8
19	5.5	5.5	37.1	4.5	4.5	0.0	1.8
20	5.5	5.5	37.1	4.5	4.5	0.0	1.8
21	5.5	5.5	37.1	4.5	4.5	0.0	1.8
22	5.5	5.5	37.1	4.5	4.5	0.0	1.8
23	5.5	5.5	37.1	4.5	4.5	0.0	1.8
24	5.5	5.5	37.1	4.5	4.5	0.0	1.8
25	5.5	5.5	37.1	4.5	4.5	0.0	1.8
26	5.5	5.5	37.1	4.5	4.5	0.0	1.8
27	5.5	5.5	37.1	4.5	4.5	0.0	1.8
28	5.5	5.5	37.1	4.5	4.5	0.0	1.8
29	5.5	5.5	37.1	4.5	4.5	0.0	1.8
30	5.5	5.5	37.1	4.5	4.5	0.0	1.8
31	5.5	5.5	37.1	4.5	4.5	0.0	1.8
32	5.5	5.5	37.1	4.5	4.5	0.0	1.8
33	5.5	5.5	37.1	4.5	4.5	0.0	1.8
34	5.5	5.5	37.1	4.5	4.5	0.0	1.8
35	5.5	5.5	37.1	4.5	4.5	0.0	1.8
36	5.5	5.5	37.1	4.5	4.5	0.0	1.8
37	5.5	5.5	37.1	4.5	4.5	0.0	1.8
38	5.5	5.5	37.1	4.5	4.5	0.0	1.8
39	5.5	5.5	37.1	4.5	4.5	0.0	1.8
40	5.5	5.5	37.1	4.5	4.5	0.0	1.8
41	5.5	5.5	37.1	4.5	4.5	0.0	1.8
42	5.5	5.5	37.1	4.5	4.5	0.0	1.8
43	5.5	5.5	37.1	4.5	4.5	0.0	1.8
44	5.5	5.5	37.1	4.5	4.5	0.0	1.8
45	5.5	5.5	37.1	4.5	4.5	0.0	1.8
46	5.5	5.5	37.1	4.5	4.5	0.0	1.8
47	5.5	5.5	37.1	4.5	4.5	0.0	1.8
48	5.5	5.5	37.1	4.5	4.5	0.0	1.8
49	5.5	5.5	37.1	4.5	4.5	0.0	1.8
50	5.5	5.5	37.1	4.5	4.5	0.0	1.8
51	5.5	5.5	37.1	4.5	4.5	0.0	1.8
52	5.5	5.5	37.1	4.5	4.5	0.0	1.8
53	5.5	5.5	37.1	4.5	4.5	0.0	1.8
54	5.5	5.5	37.1	4.5	4.5	0.0	1.8
55	5.5	5.5	37.1	4.5	4.5	0.0	1.8
56	5.5	5.5	37.1	4.5	4.5	0.0	1.8
57	5.5	5.5	37.1	4.5	4.5	0.0	1.8
58	5.5	5.5	37.1	4.5	4.5	0	



STATION 394(1) CTD 30/DEC/1975 1800 GMT CUDE = 2
 LAT = 73.0135N LNG = 145.1143W UTER = 2 LGER = 3
 WIND = 1029.1 WIND = 266.6 SPEED = 59.5
 BAROM = -22.1

SNOWBIRD STATION 396(1) CTU 31/DEC/1975 1956 GMT CODE = 2
LAT = 73.8364N LNC = 145.1793W I.TER = 1. LGER = 1.
AIR TEMP = BARUM = 1030.6 WIND = SPEED =

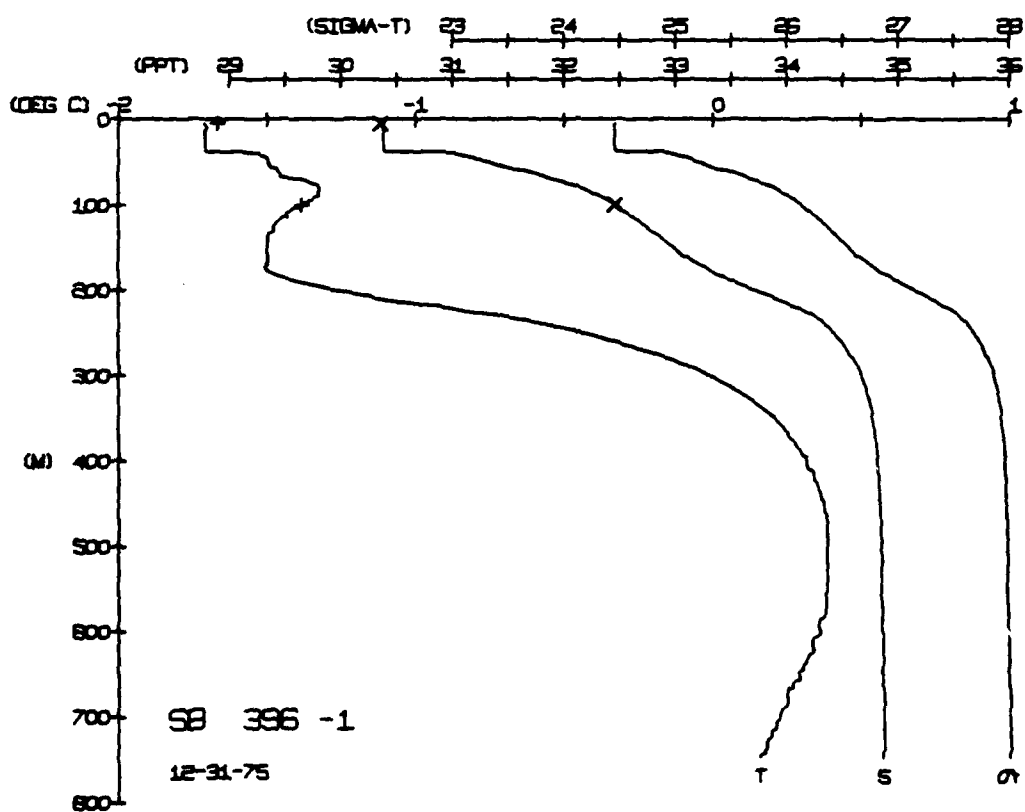
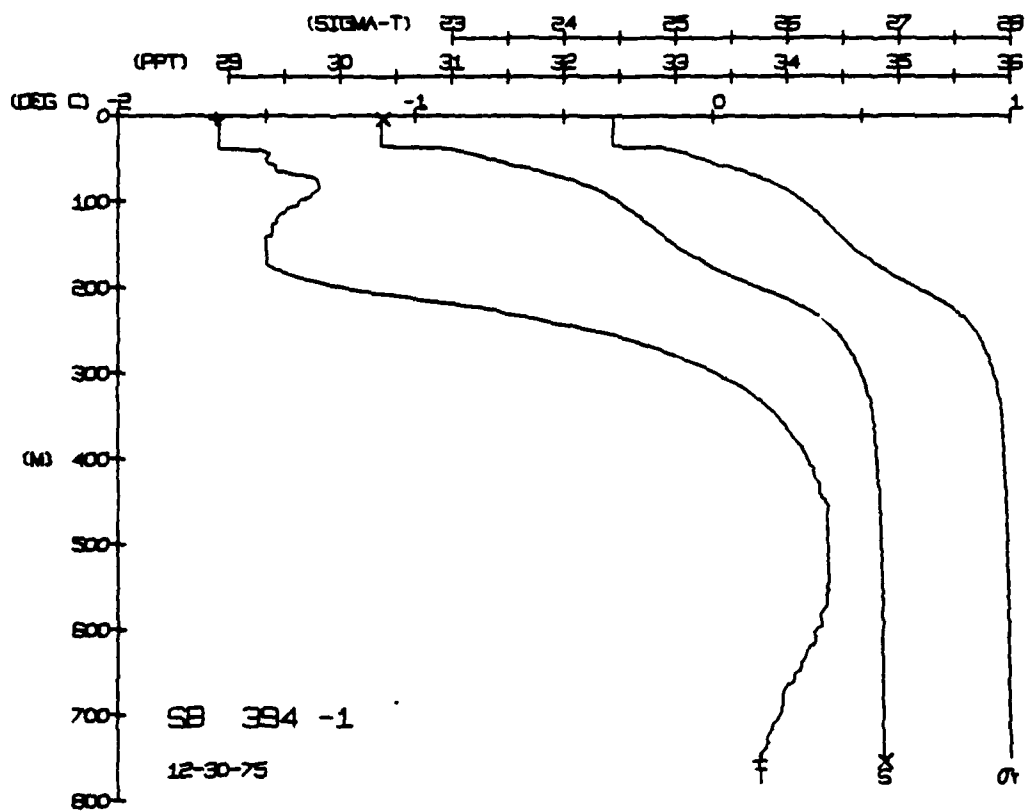
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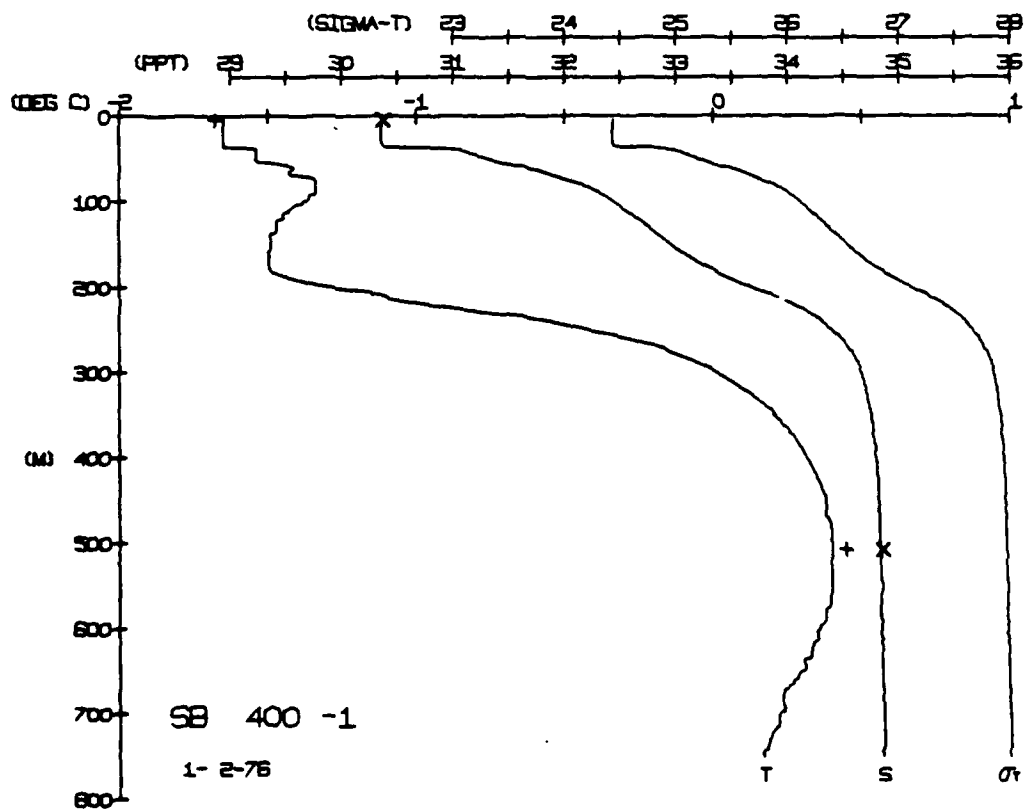
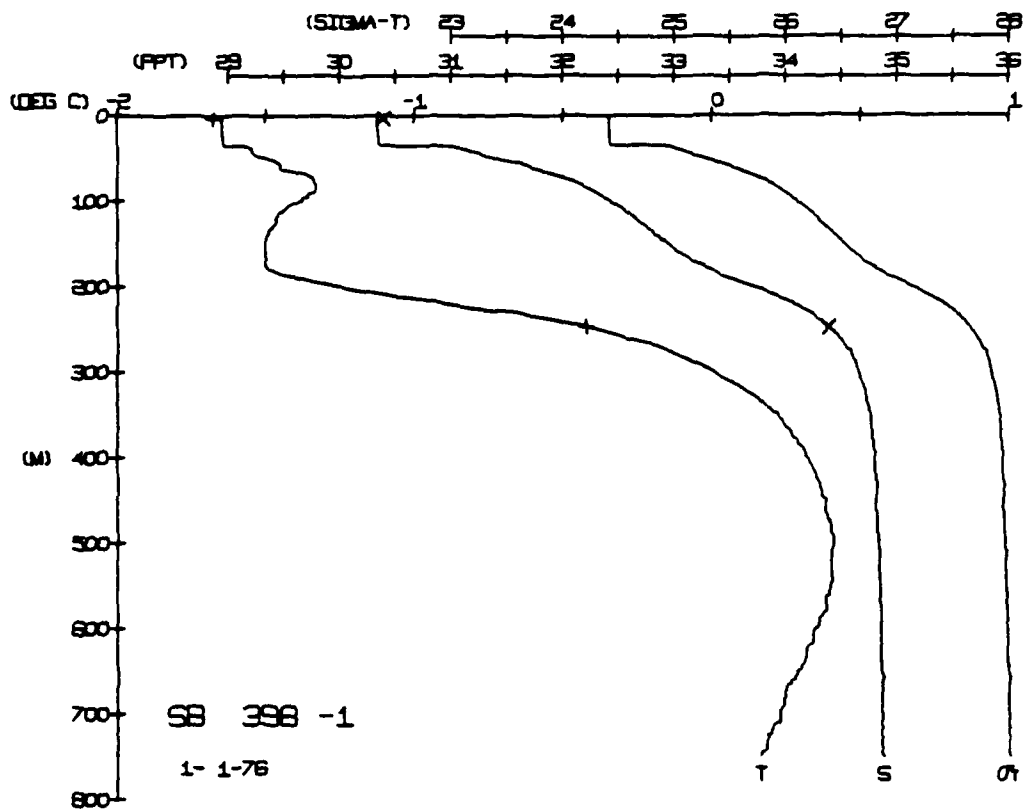
	DEPTH	TEMP.	SALIN.
BOF NUM = 1	3.5	-1.67	30.38
BOF NUM = 2	153.9	0.16	34.89

DEPTH	TEMP.	SALIN
BOT NUM = 1	4.2	30.35
BOT NUM = 2	99.7	32.46

[illegible]

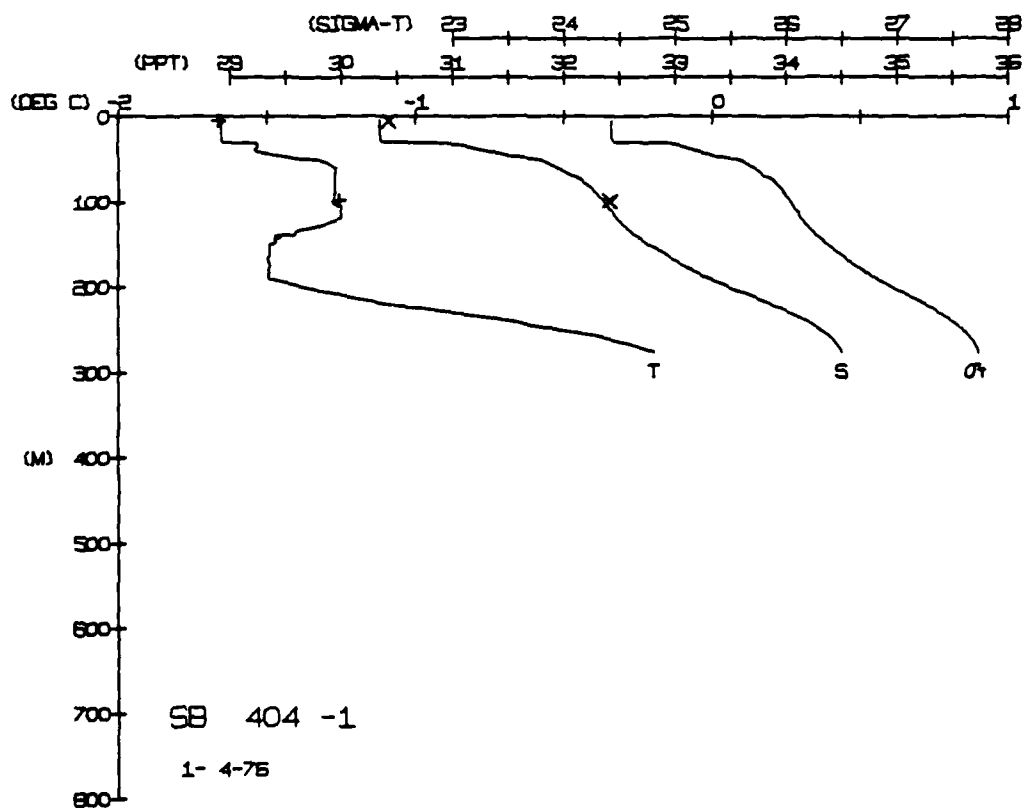
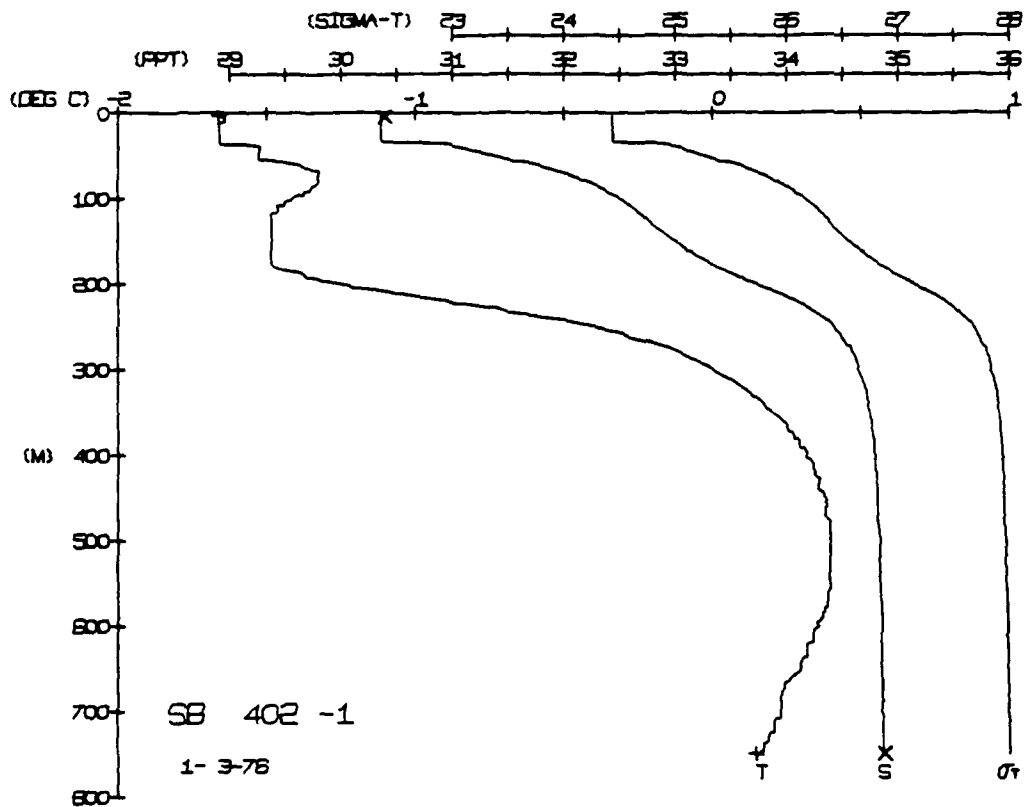
	DEPTH	TEMP.	SALIN.
BOT NUM = 1	4.2	-1.66	30.35
HUT NUM = 2	99.7	-1.38	32.46





SNOWBIRD STATION 402(1) CTD 3/JAN/1976 1800 GMT CODE = 2
LAT = 73.902N LONG = 145.5732W UGER = 142.2 SPEED = 63.1
AIR TEMP = -18.4 BARUM = 1034.3 WIND = 142.2

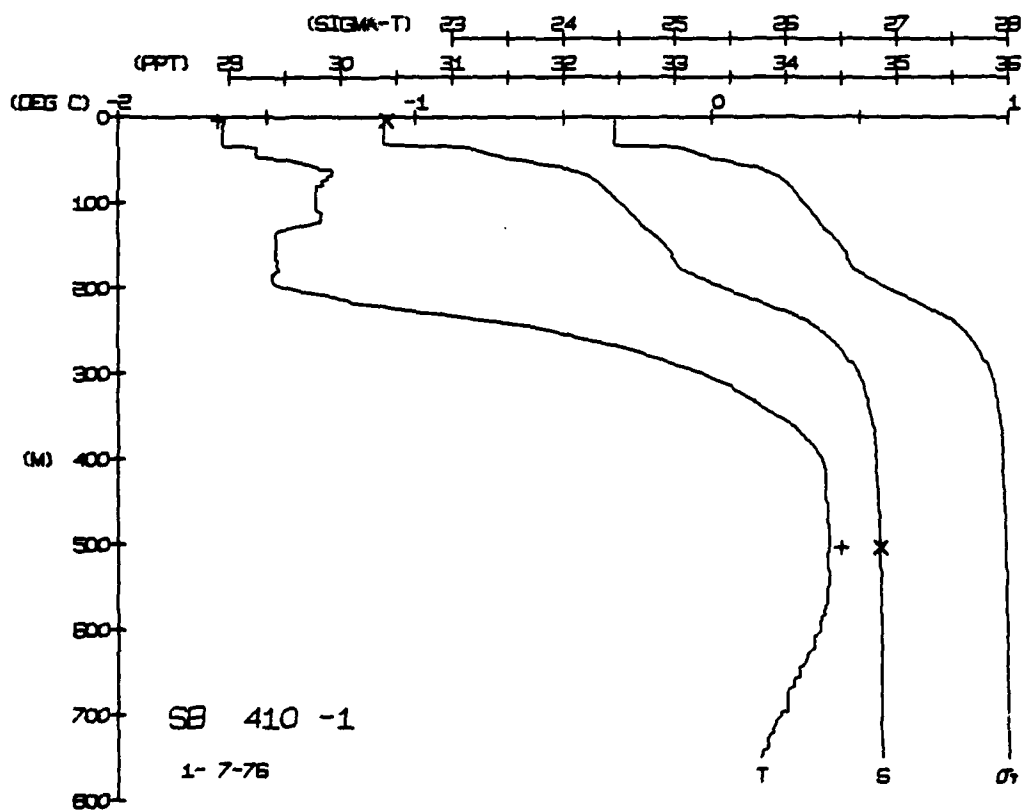
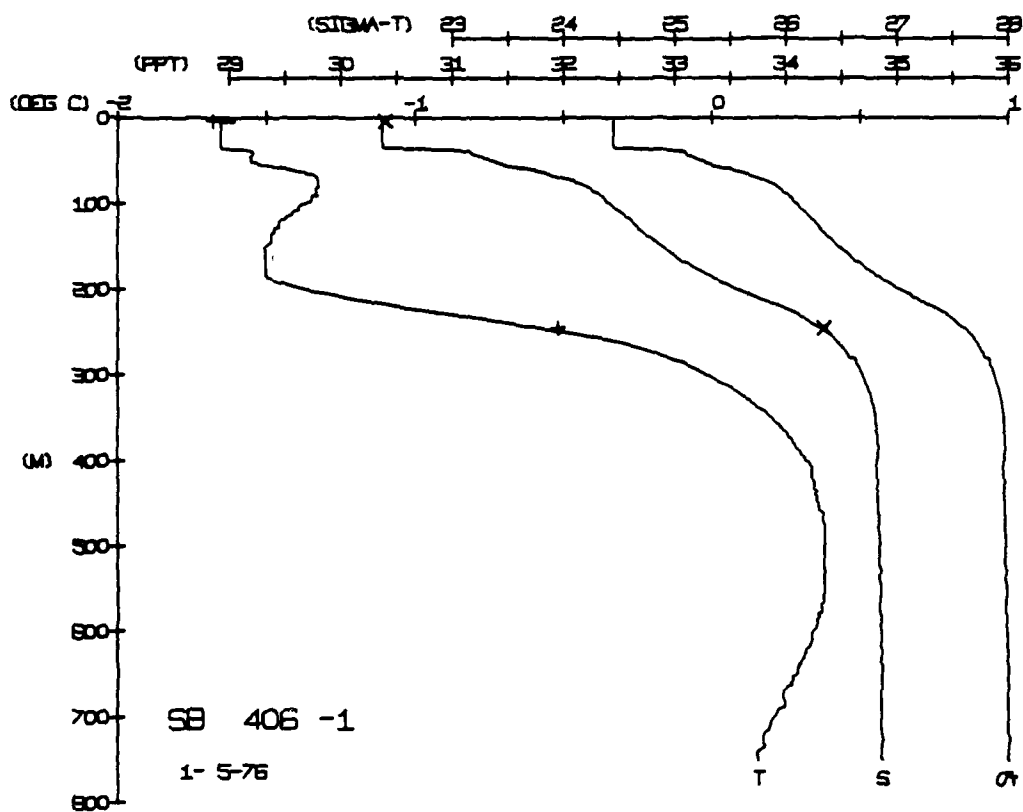
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	0	0	35	4	3	0	1435.0	0	0	0	35	4	3	0	1435.0
4	0	0	35	4	3	0	1435.1	0	0	0	35	4	3	0	1435.1
10	0	0	35	4	3	0	1435.2	0	0	0	35	4	3	0	1435.2
15	0	0	35	4	3	0	1435.3	0	0	0	35	4	3	0	1435.3
20	0	0	35	4	3	0	1435.4	0	0	0	35	4	3	0	1435.4
25	0	0	35	4	3	0	1435.5	0	0	0	35	4	3	0	1435.5
30	0	0	35	4	3	0	1435.6	0	0	0	35	4	3	0	1435.6
35	0	0	35	4	3	0	1435.7	0	0	0	35	4	3	0	1435.7
40	0	0	35	4	3	0	1435.8	0	0	0	35	4	3	0	1435.8
45	0	0	35	4	3	0	1435.9	0	0	0	35	4	3	0	1435.9
50	0	0	35	4	3	0	1436.0	0	0	0	35	4	3	0	1436.0
55	0	0	35	4	3	0	1436.1	0	0	0	35	4	3	0	1436.1
60	0	0	35	4	3	0	1436.2	0	0	0	35	4	3	0	1436.2
65	0	0	35	4	3	0	1436.3	0	0	0	35	4	3	0	1436.3
70	0	0	35	4	3	0	1436.4	0	0	0	35	4	3	0	1436.4
75	0	0	35	4	3	0	1436.5	0	0	0	35	4	3	0	1436.5
80	0	0	35	4	3	0	1436.6	0	0	0	35	4	3	0	1436.6
85	0	0	35	4	3	0	1436.7	0	0	0	35	4	3	0	1436.7
90	0	0	35	4	3	0	1436.8	0	0	0	35	4	3	0	1436.8
95	0	0	35	4	3	0	1436.9	0	0	0	35	4	3	0	1436.9
100	0	0	35	4	3	0	1437.0	0	0	0	35	4	3	0	1437.0
105	0	0	35	4	3	0	1437.1	0	0	0	35	4	3	0	1437.1
110	0	0	35	4	3	0	1437.2	0	0	0	35	4	3	0	1437.2
115	0	0	35	4	3	0	1437.3	0	0	0	35	4	3	0	1437.3
120	0	0	35	4	3	0	1437.4	0	0	0	35	4	3	0	1437.4
125	0	0	35	4	3	0	1437.5	0	0	0	35	4	3	0	1437.5
130	0	0	35	4	3	0	1437.6	0	0	0	35	4	3	0	1437.6
135	0	0	35	4	3	0	1437.7	0	0	0	35	4	3	0	1437.7
140	0	0	35	4	3	0	1437.8	0	0	0	35	4	3	0	1437.8
145	0	0	35	4	3	0	1437.9	0	0	0	35	4	3	0	1437.9
150	0	0	35	4	3	0	1438.0	0	0	0	35	4	3	0	1438.0
155	0	0	35	4	3	0	1438.1	0	0	0	35	4	3	0	1438.1
160	0	0	35	4	3	0	1438.2	0	0	0	35	4	3	0	1438.2
165	0	0	35	4	3	0	1438.3	0	0	0	35	4	3	0	1438.3
170	0	0	35	4	3	0	1438.4	0	0	0	35	4	3	0	1438.4
175	0	0	35	4	3	0	1438.5	0	0	0	35	4	3	0	1438.5
180	0	0	35	4	3	0	1438.6	0	0	0	35	4	3	0	1438.6
185	0	0	35	4	3	0	1438.7	0	0	0	35	4	3	0	1438.7
190	0	0	35	4	3	0	1438.8	0	0	0	35	4	3	0	1438.8
195	0	0	35	4	3	0	1438.9	0	0	0	35	4	3	0	1438.9
200	0	0	35	4	3	0	1439.0	0	0	0	35	4	3	0	1439.0
205	0	0	35	4	3	0	1439.1	0	0	0	35	4	3	0	1439.1
210	0	0	35	4	3	0	1439.2	0	0	0	35	4	3	0	1439.2
215	0	0	35	4	3	0	1439.3	0	0	0	35	4	3	0	1439.3
220	0	0	35	4	3	0	1439.4	0	0	0	35	4	3	0	1439.4
225	0	0	35	4	3	0	1439.5	0	0	0	35	4	3	0	1439.5
230	0	0	35	4	3	0	1439.6	0	0	0	35	4	3	0	1439.6
235	0	0	35	4	3	0	1439.7	0	0	0	35	4	3	0	1439.7
240	0	0	35	4	3	0	1439.8	0	0	0	35	4	3	0	1439.8
245	0	0	35	4	3	0	1439.9	0	0	0	35	4	3	0	1439.9
250	0	0	35	4	3	0	1440.0	0	0	0	35	4	3	0	1440.0
255	0	0	35	4	3	0	1440.1	0	0	0	35	4	3	0	1440.1
260	0	0	35	4	3	0	1440.2	0	0	0	35	4	3	0	1440.2
265	0	0	35	4	3	0	1440.3	0	0	0	35	4	3	0	1440.3
270	0	0	35	4	3	0	1440.4	0	0	0	35	4	3	0	1440.4
275	0	0	35	4	3	0	1440.5	0	0	0	35	4	3	0	1440.5
280	0	0	35	4	3	0	1440.6	0	0	0	35	4	3	0	1440.6
285	0	0	35	4	3	0	1440.7	0	0	0	35	4	3	0	1440.7
290	0	0	35	4	3	0	1440.8	0	0	0	35	4	3	0	1440.8
295	0	0	35	4	3	0	1440.9	0	0	0	35	4	3	0	1440.9
300	0	0	35	4	3	0	1441.0	0	0	0	35	4	3	0	1441.0
305	0	0	35	4	3	0	1441.1	0	0	0	35	4	3	0	1441.1
310	0	0	35	4	3	0	1441.2	0	0	0	35	4	3	0	1441.2
315	0	0	35	4	3	0	1441.3	0	0	0	35	4	3	0	1441.3
320	0	0	35	4	3	0	1441.4	0	0	0	35	4	3	0	1441.4
325	0	0	35	4	3	0	1441.5	0	0	0	35	4	3	0	1441.5
330	0	0	35	4	3	0	1441.6	0	0	0	35	4	3	0	1441.6
335	0	0	35	4	3	0	1441.7	0	0	0	35	4	3	0	1441.7
340	0	0	35	4	3	0	1441.8	0	0	0	35	4	3	0	1441.8
345	0	0	35	4	3	0	1441.9	0	0	0	35	4	3	0	1441.9
350	0	0	35	4	3	0	1442.0	0	0	0	35	4	3	0	1442.0
355	0	0	35	4	3	0	1442.1	0	0	0	35	4	3	0	1442.1
360	0	0	35	4	3	0	1442.2	0	0	0	35	4	3	0	1442.2
365	0	0	35	4	3	0	1442.3	0	0	0	35	4	3	0	1442.3
370	0	0	35	4	3	0	1442.4	0	0	0	35	4	3	0	1442.4
375	0	0	35	4	3	0	1442.5	0	0	0	35	4	3	0	1442.5
380	0	0	35	4	3	0	1442.6	0	0	0	35	4	3	0	1442.6
385	0	0	35	4	3	0	1442.7	0	0	0	35	4	3	0	1442.7
390	0	0	35	4	3	0	1442.8	0	0	0	35	4	3	0	1442.8
395	0	0	35	4	3	0	1442.9	0	0	0	35	4	3	0	1442.9
400	0	0	35	4	3	0	1443.0	0	0	0	35	4	3	0	1443.0
405	0	0	35	4	3	0	1443.1	0	0	0	35	4	3	0	1443.1
410	0	0	35	4	3	0	1443.2	0	0	0	35	4	3	0	1443.2
415	0	0	35	4	3	0	1443.3	0	0	0	35	4	3	0	1443.3
420	0	0	35	4	3	0	1443.4	0	0	0	35	4	3	0	1443.4
425	0	0	35	4	3	0	1443.5	0	0	0	35	4	3	0	1443.5
430	0	0	35	4	3	0	1443.6	0	0	0	35	4	3	0	1443.6
435	0	0	35	4	3	0	1443.7	0	0	0	35	4	3	0	1443.7
440	0	0	35	4	3	0	1443.8	0	0	0	35	4	3	0	1443.8
445	0	0	35	4	3	0	1443.9	0	0	0	35	4	3	0	1443.9
450	0	0	35	4	3	0	1444.0	0	0	0	35	4	3	0	1444.0
455	0	0	35	4	3	0	1444.1	0	0	0	35	4	3	0	1444.1
460	0	0	35	4	3	0	1444.2	0	0	0	35	4	3	0	1444.2
465	0	0	35	4	3	0	1444.3	0	0	0	35	4	3	0	1444.3
470	0	0	35	4	3	0	1444.4	0	0	0	35	4	3	0	1444.4
475	0	0	35	4	3	0	1444.5	0	0	0	35	4	3	0	1444.5
480	0	0	35	4	3	0	1444.6	0	0	0	35	4	3	0	1444.6
485	0	0	35	4	3	0	1444.7	0	0	0	35	4	3	0	1444.7
490	0	0	35	4	3	0	1444.8	0	0	0	35	4	3	0	1444.8
495	0	0	35	4	3	0	1444.9	0	0	0	35	4	3	0	1444.9
500	0	0	35	4	3	0	1445.0	0	0	0	35	4	3	0	1445.0
505	0	0	35	4	3	0	1445.1	0	0	0	35	4	3	0	1445.1
510	0	0	35	4	3	0	1445.2	0	0	0	35	4	3	0	1445.2
515	0	0	35	4	3	0	1445.3	0	0	0	35	4	3	0	1445.3
520	0	0	35	4	3	0	1445.4	0	0	0	35	4	3	0	1445.4
525	0	0	35	4	3	0	1445.5	0	0	0	35	4	3	0	1445.5
530	0	0	35	4	3	0	14								

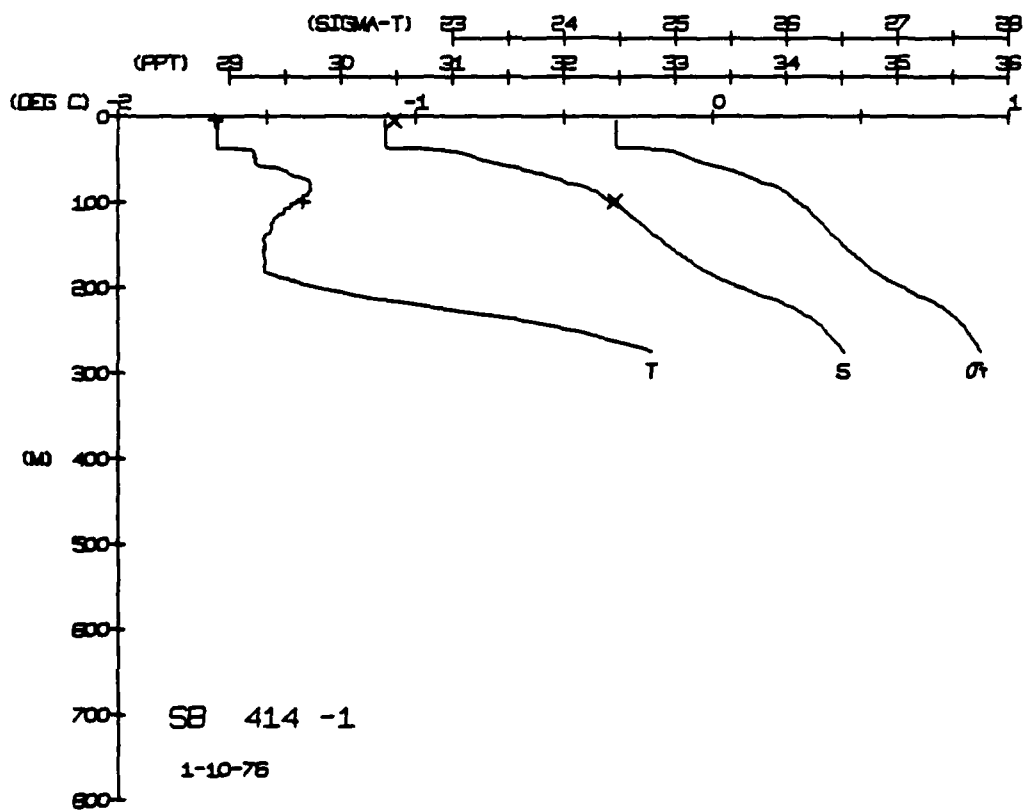
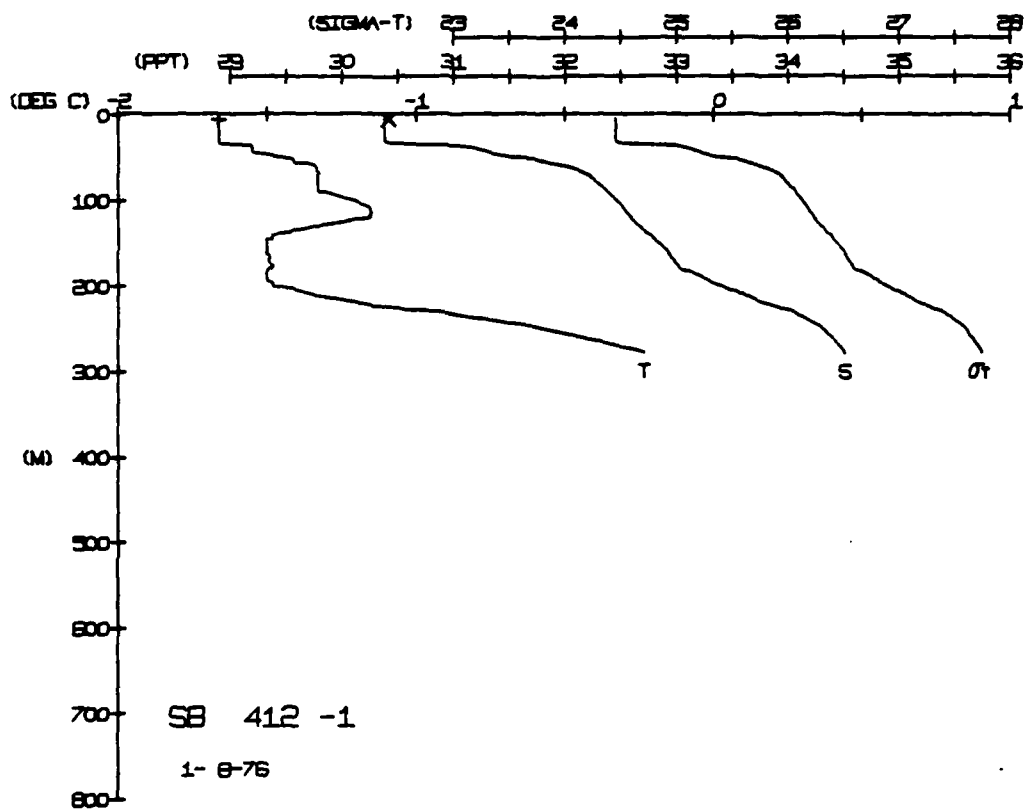


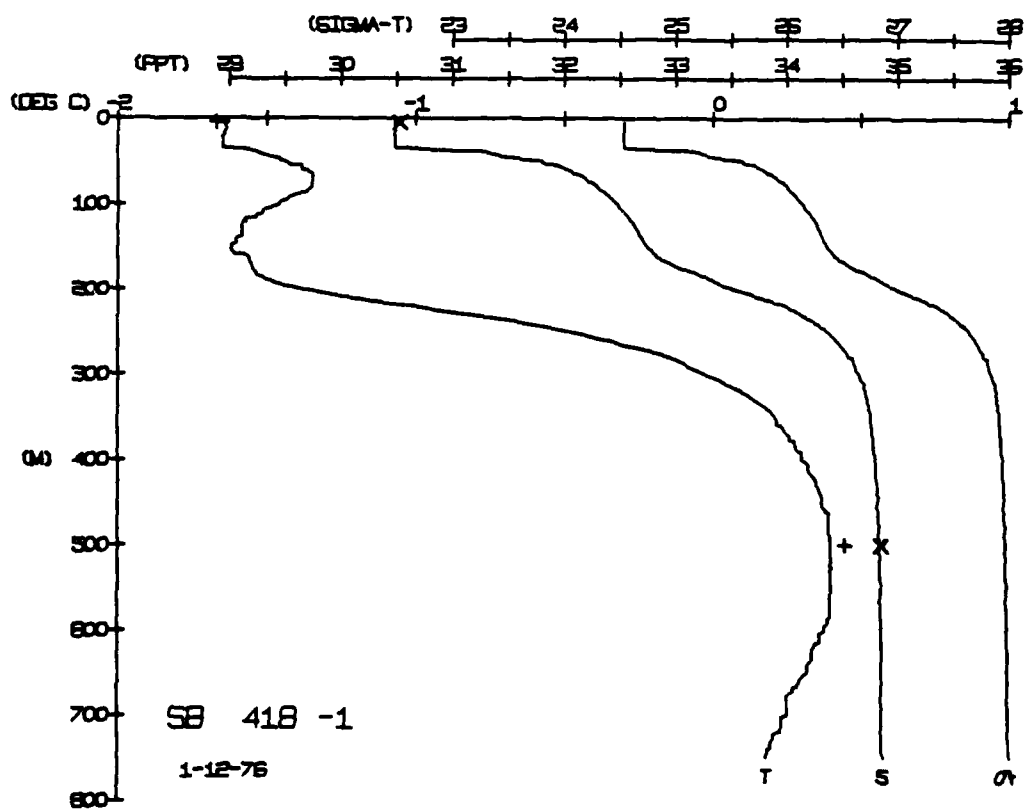
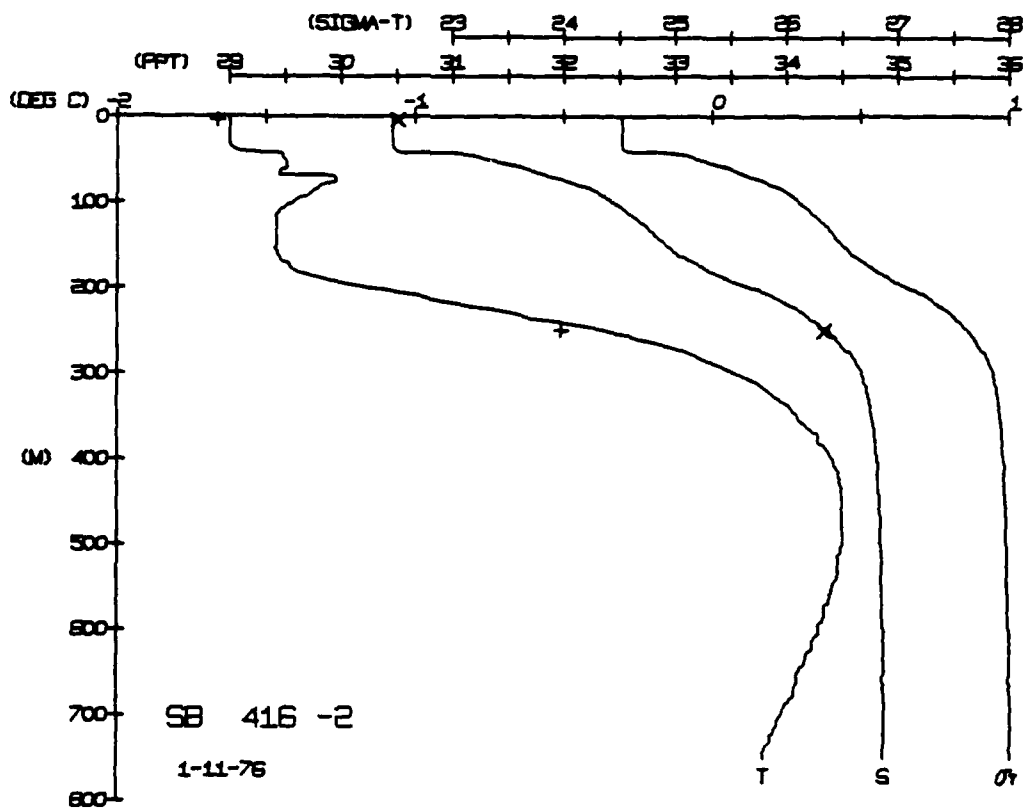
SNOWBIRD STATION 410(1) CTD 7/JAN/1976 1800 GMT CODE = 2
LAT = 74.2132N LNG = 145.7724W ITER = 3.
AIR TEMP = -27.7 BARUM = 1021.8 WIND = 147.6 SPEED = 47.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND	SALIN	TEMP.
0.7	61.6	61.6	30.37	4.44	7.6	000	1435	30.39	-1.68
1.5	61.6	61.6	30.37	4.44	6.5	018	1435	30.34	-1.52
2.3	61.6	61.6	30.37	4.44	5.4	035	1435		
3.1	61.6	61.6	30.37	4.44	4.3	050	1435		
3.9	61.6	61.6	30.37	4.44	3.2	065	1435		
4.7	61.6	61.6	30.37	4.44	2.1	080	1435		
5.5	61.6	61.6	30.37	4.44	1.0	095	1435		
6.3	61.6	61.6	30.37	4.44	0.0	110	1435		
7.1	61.6	61.6	30.37	4.44	0.0	125	1435		
7.9	61.6	61.6	30.37	4.44	0.0	140	1435		
8.7	61.6	61.6	30.37	4.44	0.0	155	1435		
9.5	61.6	61.6	30.37	4.44	0.0	170	1435		
10.3	61.6	61.6	30.37	4.44	0.0	185	1435		
11.1	61.6	61.6	30.37	4.44	0.0	200	1435		
11.9	61.6	61.6	30.37	4.44	0.0	215	1435		
12.7	61.6	61.6	30.37	4.44	0.0	230	1435		
13.5	61.6	61.6	30.37	4.44	0.0	245	1435		
14.3	61.6	61.6	30.37	4.44	0.0	260	1435		
15.1	61.6	61.6	30.37	4.44	0.0	275	1435		
15.9	61.6	61.6	30.37	4.44	0.0	290	1435		
16.7	61.6	61.6	30.37	4.44	0.0	305	1435		
17.5	61.6	61.6	30.37	4.44	0.0	320	1435		
18.3	61.6	61.6	30.37	4.44	0.0	335	1435		
19.1	61.6	61.6	30.37	4.44	0.0	350	1435		
19.9	61.6	61.6	30.37	4.44	0.0	365	1435		
20.7	61.6	61.6	30.37	4.44	0.0	380	1435		
21.5	61.6	61.6	30.37	4.44	0.0	395	1435		
22.3	61.6	61.6	30.37	4.44	0.0	410	1435		
23.1	61.6	61.6	30.37	4.44	0.0	425	1435		
23.9	61.6	61.6	30.37	4.44	0.0	440	1435		
24.7	61.6	61.6	30.37	4.44	0.0	455	1435		
25.5	61.6	61.6	30.37	4.44	0.0	470	1435		
26.3	61.6	61.6	30.37	4.44	0.0	485	1435		
27.1	61.6	61.6	30.37	4.44	0.0	500	1435		
27.9	61.6	61.6	30.37	4.44	0.0	515	1435		
28.7	61.6	61.6	30.37	4.44	0.0	530	1435		
29.5	61.6	61.6	30.37	4.44	0.0	545	1435		
30.3	61.6	61.6	30.37	4.44	0.0	560	1435		
31.1	61.6	61.6	30.37	4.44	0.0	575	1435		
31.9	61.6	61.6	30.37	4.44	0.0	590	1435		
32.7	61.6	61.6	30.37	4.44	0.0	605	1435		
33.5	61.6	61.6	30.37	4.44	0.0	620	1435		
34.3	61.6	61.6	30.37	4.44	0.0	635	1435		
35.1	61.6	61.6	30.37	4.44	0.0	650	1435		
35.9	61.6	61.6	30.37	4.44	0.0	665	1435		
36.7	61.6	61.6	30.37	4.44	0.0	680	1435		
37.5	61.6	61.6	30.37	4.44	0.0	695	1435		
38.3	61.6	61.6	30.37	4.44	0.0	710	1435		
39.1	61.6	61.6	30.37	4.44	0.0	725	1435		
39.9	61.6	61.6	30.37	4.44	0.0	740	1435		
40.7	61.6	61.6	30.37	4.44	0.0	755	1435		
41.5	61.6	61.6	30.37	4.44	0.0	770	1435		
42.3	61.6	61.6	30.37	4.44	0.0	785	1435		

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	TEMP.	SALIN
0.20	55.55	55.55	38.39	4.46	48.7	0.00	143.5	-1.66	30.41
0.45	55.55	55.55	38.39	4.46	48.7	0.00	143.5	0.44	34.86
1.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
1.22	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
2.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
3.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
4.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
5.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
6.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
7.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
8.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
9.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
10.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
11.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
12.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
13.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
14.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
15.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
16.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
17.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
18.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
19.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
20.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
21.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
22.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
23.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
24.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
25.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
26.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
27.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
28.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
29.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
30.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
31.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
32.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
33.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
34.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
35.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
36.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
37.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
38.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
39.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
40.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
41.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
42.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
43.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
44.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
45.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		
46.00	55.55	55.55	38.39	4.46	48.7	0.00	143.5		







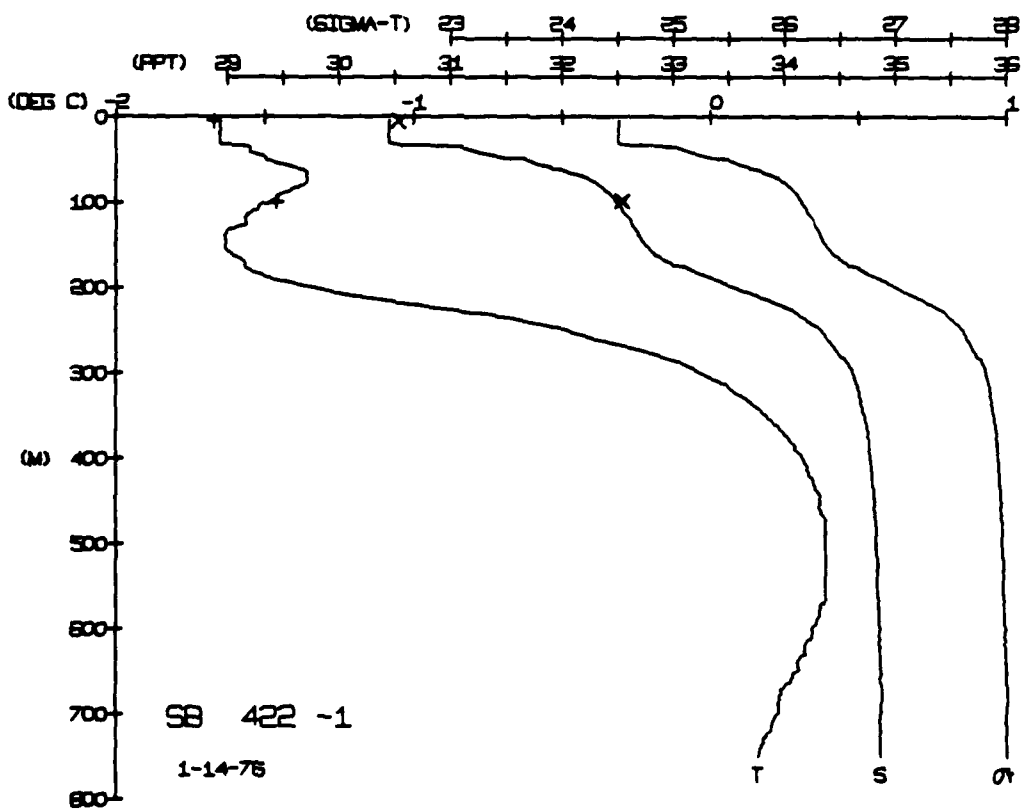
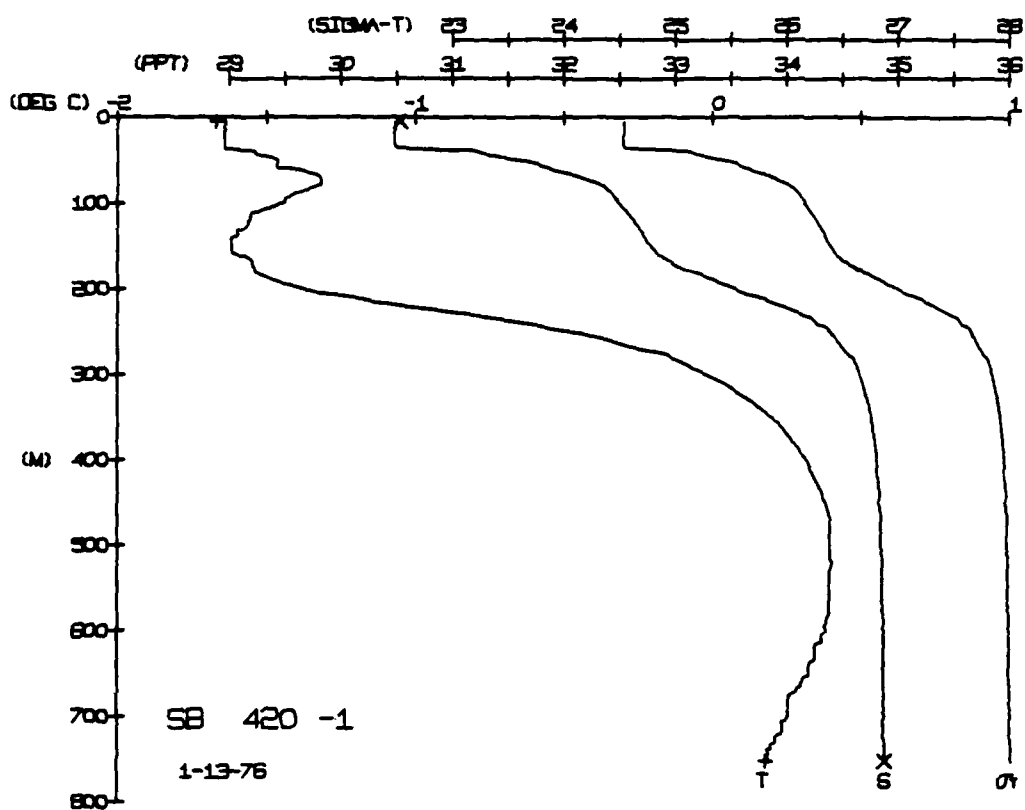
SSNOWBIRD STATION 422(1) CTD 14/JAN/1976 1826 GMT CODE = 2
LAT = 73.9697N LNG = 145.1033W I.TER = 1 LGFM = 1
AIR TEMP = -36.6 BARUM = 1008.6 WIND = 200.4 SPEED = 30.1

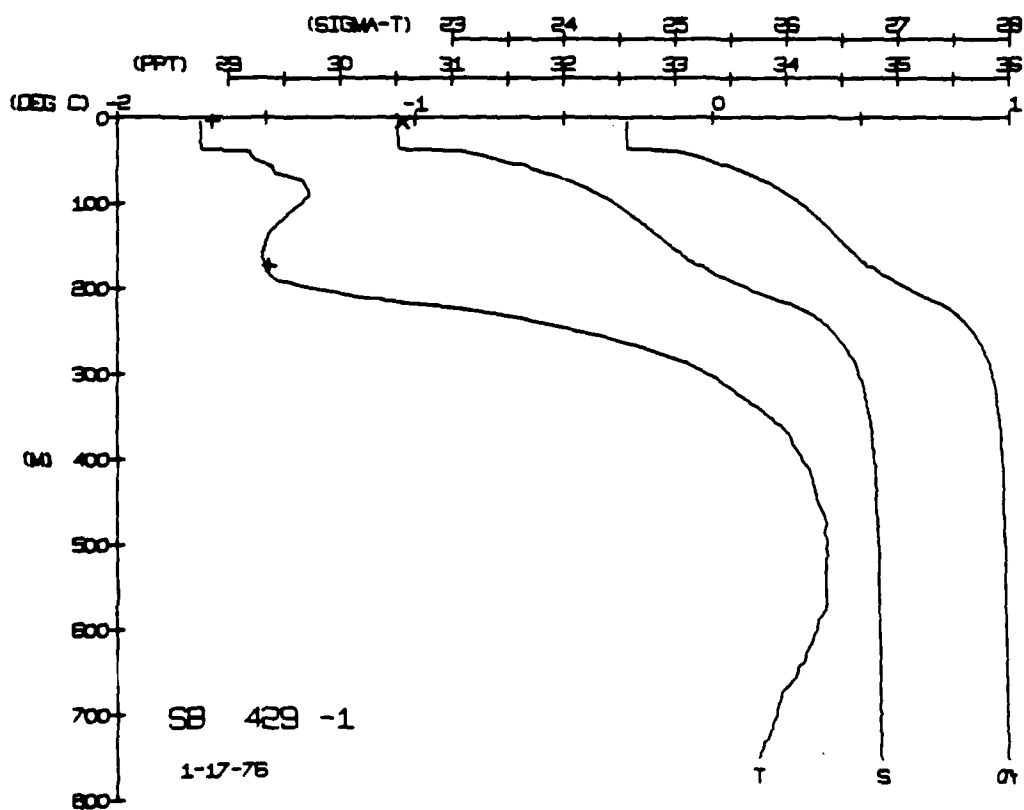
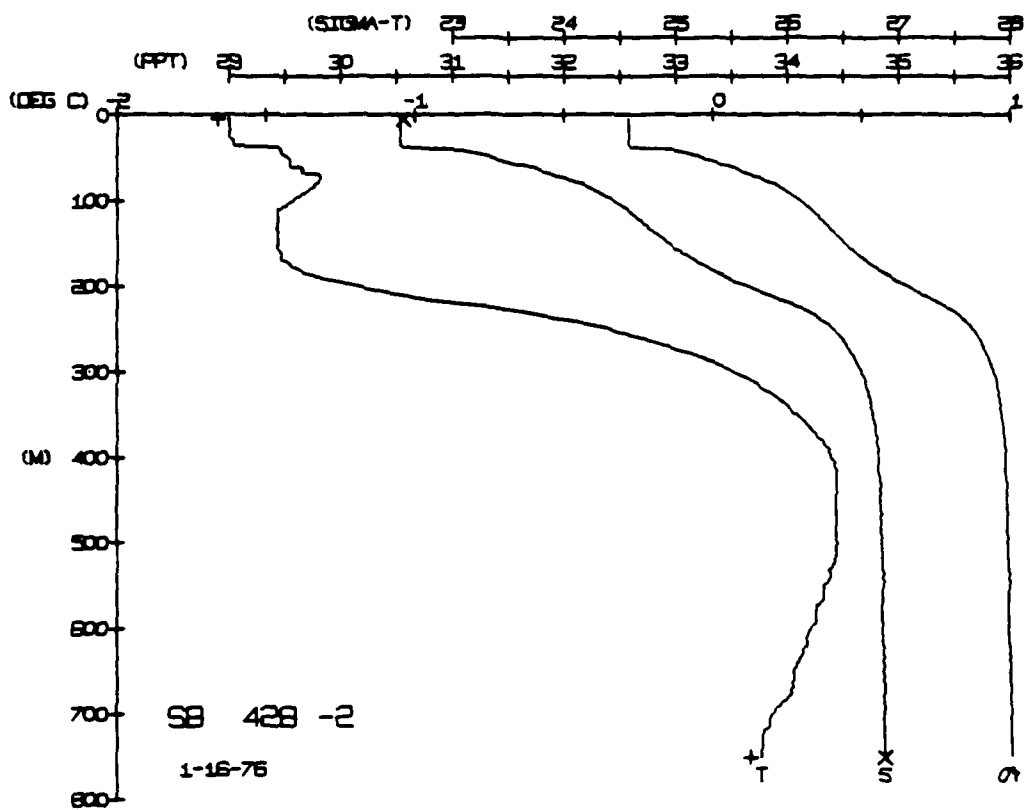
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
1.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
1.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
2.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
2.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
3.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
3.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
4.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
4.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
5.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
5.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
6.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
6.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
7.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
7.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
8.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
8.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
9.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
9.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
10.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
10.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
11.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
11.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
12.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
12.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
13.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
13.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
14.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
14.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
15.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
15.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
16.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
16.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
17.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
17.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
18.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
18.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
19.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
19.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
20.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
20.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
21.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
21.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
22.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
22.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
23.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
23.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
24.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
24.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
25.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
25.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
26.0	64.4	1.1	30.0	48.4	41.0	0.0	35.5
26.5	64.4	1.1	30.0	48.4	41.0	0.0	35.5
27.0	64.4	1.1	30.0	48.4	41.0	0.0	

	DEPTH	TEMP.	SALIN.
BUT NUM = 1	4.2	-1.67	30.52
BUT NUM = 2	751.2	0.18	34.89

	DEPTH	TEMP.	SALIN.
H01 NUM = 1	4.5	-1.67	30.53
H01 NUM = 2	98.4	-1.46	32.54

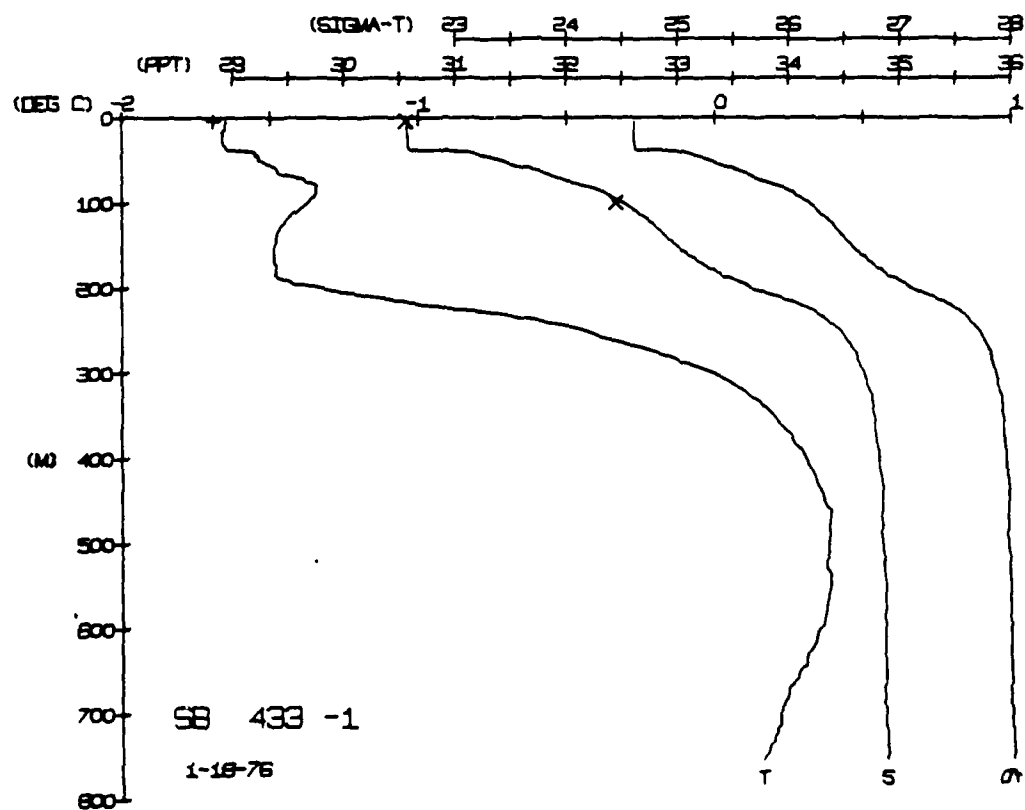
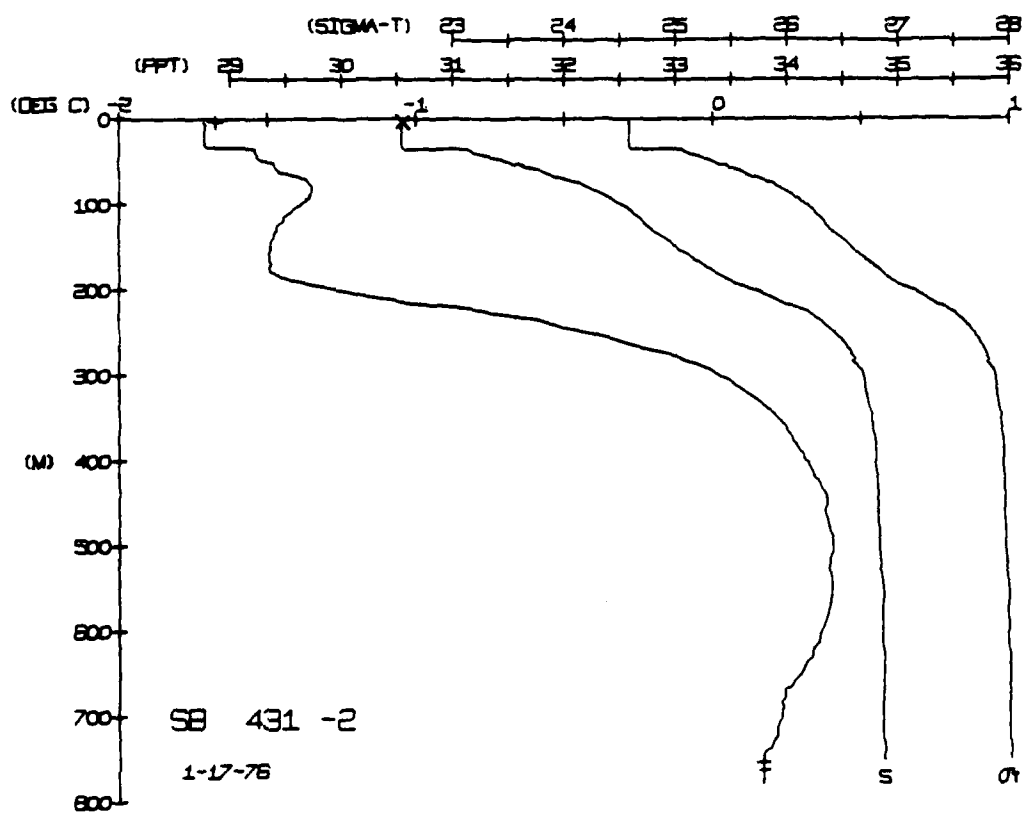
DEPTH
4.5
98.4





SNOWBIRD STATION 433(1) CTD 18/JAN/1976 700 GMT CODE = 2
LAT = 73.9535N LNG = 145.0696W I.TER = 2 LGFN = 3
AIR TEMP = -44.5 BARUM = 1020.9 WIND = 336.4 SPEED = 27.4

DEPTH	TEMP	PIEP	SALIN	SIG T	SPVOL	DYNHT	SOUND
00	15.00	15.00	30.00	1.00	1.00	0.00	11.11
01	15.00	15.00	30.00	1.00	1.00	0.00	11.11
02	15.00	15.00	30.00	1.00	1.00	0.00	11.11
03	15.00	15.00	30.00	1.00	1.00	0.00	11.11
04	15.00	15.00	30.00	1.00	1.00	0.00	11.11
05	15.00	15.00	30.00	1.00	1.00	0.00	11.11
06	15.00	15.00	30.00	1.00	1.00	0.00	11.11
07	15.00	15.00	30.00	1.00	1.00	0.00	11.11
08	15.00	15.00	30.00	1.00	1.00	0.00	11.11
09	15.00	15.00	30.00	1.00	1.00	0.00	11.11
10	15.00	15.00	30.00	1.00	1.00	0.00	11.11
11	15.00	15.00	30.00	1.00	1.00	0.00	11.11
12	15.00	15.00	30.00	1.00	1.00	0.00	11.11
13	15.00	15.00	30.00	1.00	1.00	0.00	11.11
14	15.00	15.00	30.00	1.00	1.00	0.00	11.11
15	15.00	15.00	30.00	1.00	1.00	0.00	11.11
16	15.00	15.00	30.00	1.00	1.00	0.00	11.11
17	15.00	15.00	30.00	1.00	1.00	0.00	11.11
18	15.00	15.00	30.00	1.00	1.00	0.00	11.11
19	15.00	15.00	30.00	1.00	1.00	0.00	11.11
20	15.00	15.00	30.00	1.00	1.00	0.00	11.11
21	15.00	15.00	30.00	1.00	1.00	0.00	11.11
22	15.00	15.00	30.00	1.00	1.00	0.00	11.11
23	15.00	15.00	30.00	1.00	1.00	0.00	11.11
24	15.00	15.00	30.00	1.00	1.00	0.00	11.11
25	15.00	15.00	30.00	1.00	1.00	0.00	11.11
26	15.00	15.00	30.00	1.00	1.00	0.00	11.11
27	15.00	15.00	30.00	1.00	1.00	0.00	11.11
28	15.00	15.00	30.00	1.00	1.00	0.00	11.11
29	15.00	15.00	30.00	1.00	1.00	0.00	11.11
30	15.00	15.00	30.00	1.00	1.00	0.00	11.11
31	15.00	15.00	30.00	1.00	1.00	0.00	11.11
32	15.00	15.00	30.00	1.00	1.00	0.00	11.11
33	15.00	15.00	30.00	1.00	1.00	0.00	11.11
34	15.00	15.00	30.00	1.00	1.00	0.00	11.11
35	15.00	15.00	30.00	1.00	1.00	0.00	11.11
36	15.00	15.00	30.00	1.00	1.00	0.00	11.11
37	15.00	15.00	30.00	1.00	1.00	0.00	11.11
38	15.00	15.00	30.00	1.00	1.00	0.00	11.11
39	15.00	15.00	30.00	1.00	1.00	0.00	11.11
40	15.00	15.00	30.00	1.00	1.00	0.00	11.11
41	15.00	15.00	30.00	1.00	1.00	0.00	11.11
42	15.00	15.00	30.00	1.00	1.00	0.00	11.11
43	15.00	15.00	30.00	1.00	1.00	0.00	11.11
44	15.00	15.00	30.00	1.00	1.00	0.00	11.11
45	15.00	15.00	30.00	1.00	1.00	0.00	11.11
46	15.00	15.00	30.00	1.00	1.00	0.00	11.11
47	15.00	15.00	30.00	1.00	1.00	0.00	11.11
48	15.00	15.00	30.00	1.00	1.00	0.00	11.11
49	15.00	15.00	30.00	1.00	1.00	0.00	11.11
50	15.00						



SNOWBIRD STATION 435(1) C/D 18/JAN/1976 1834 GMT CODE = 2
LAT = 73.9503N LNG = 145.0672W LTR = 2. LGER = 3.
WIND = -44.5 BAROM = 1022.6 WIND = 336.4 SPEED = 27.4

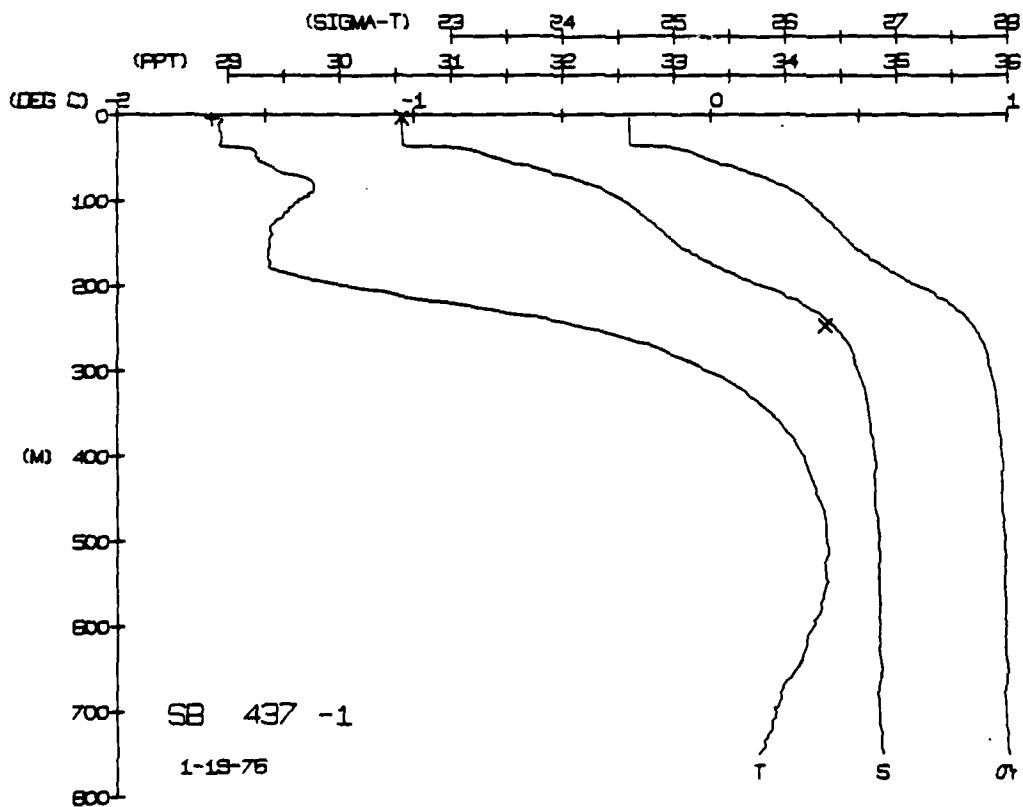
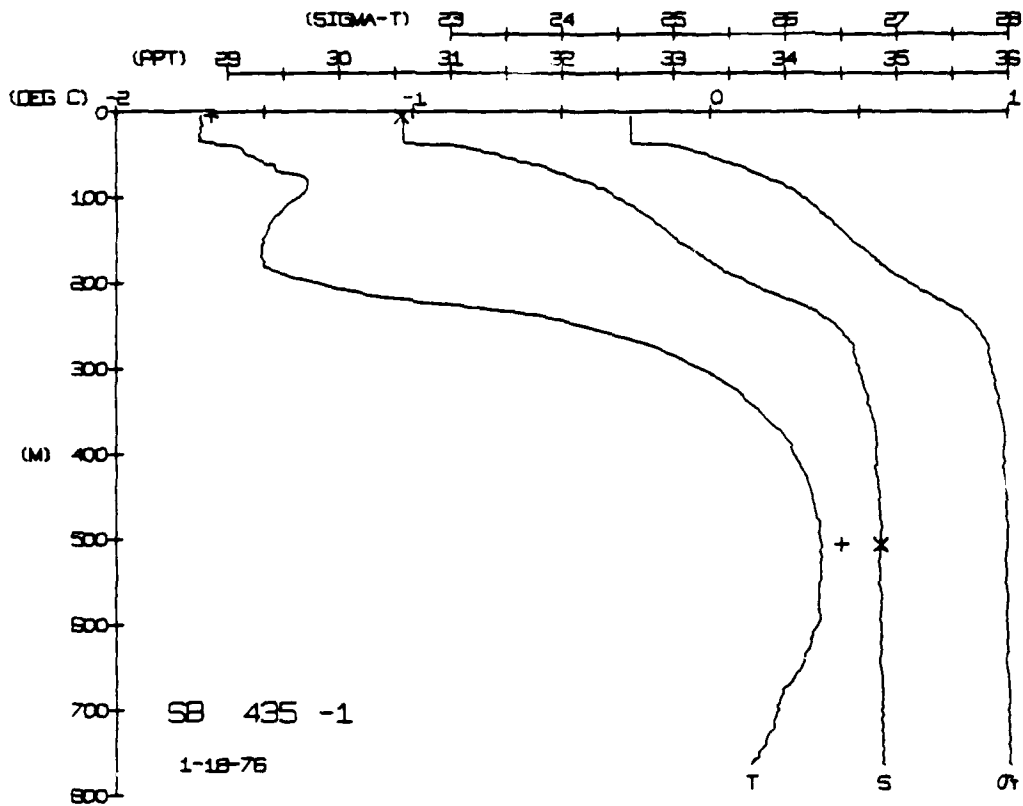
SNOWBIRD STATION 437(1) CTD 19/JAN/1976 530 GMT CUDF = 2
LAT = 73.9477N LUG = 145.0584W LTER = 13. LGER = 32.
AIR TEMP = -45.7 BAROM = 1024.5 WIND = 323.0 SPEED = 29.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	72.22	1.72	30.57	2.44	33.42	0.00	1435.0
0.5	72.22	1.72	30.57	2.44	33.42	0.01	1435.5
1.0	72.22	1.72	30.57	2.44	33.42	0.02	1436.0
1.5	72.22	1.72	30.57	2.44	33.42	0.03	1436.5
2.0	72.22	1.72	30.57	2.44	33.42	0.04	1437.0
2.5	72.22	1.72	30.57	2.44	33.42	0.05	1437.5
3.0	72.22	1.72	30.57	2.44	33.42	0.06	1438.0
3.5	72.22	1.72	30.57	2.44	33.42	0.07	1438.5
4.0	72.22	1.72	30.57	2.44	33.42	0.08	1439.0
4.5	72.22	1.72	30.57	2.44	33.42	0.09	1439.5
5.0	72.22	1.72	30.57	2.44	33.42	0.10	1440.0
5.5	72.22	1.72	30.57	2.44	33.42	0.11	1440.5
6.0	72.22	1.72	30.57	2.44	33.42	0.12	1441.0
6.5	72.22	1.72	30.57	2.44	33.42	0.13	1441.5
7.0	72.22	1.72	30.57	2.44	33.42	0.14	1442.0
7.5	72.22	1.72	30.57	2.44	33.42	0.15	1442.5
8.0	72.22	1.72	30.57	2.44	33.42	0.16	1443.0
8.5	72.22	1.72	30.57	2.44	33.42	0.17	1443.5
9.0	72.22	1.72	30.57	2.44	33.42	0.18	1444.0
9.5	72.22	1.72	30.57	2.44	33.42	0.19	1444.5
10.0	72.22	1.72	30.57	2.44	33.42	0.20	1445.0
10.5	72.22	1.72	30.57	2.44	33.42	0.21	1445.5
11.0	72.22	1.72	30.57	2.44	33.42	0.22	1446.0
11.5	72.22	1.72	30.57	2.44	33.42	0.23	1446.5
12.0	72.22	1.72	30.57	2.44	33.42	0.24	1447.0
12.5	72.22	1.72	30.57	2.44	33.42	0.25	1447.5
13.0	72.22	1.72	30.57	2.44	33.42	0.26	1448.0
13.5	72.22	1.72	30.57	2.44	33.42	0.27	1448.5
14.0	72.22	1.72	30.57	2.44	33.42	0.28	1449.0
14.5	72.22	1.72	30.57	2.44	33.42	0.29	1449.5
15.0	72.22	1.72	30.57	2.44	33.42	0.30	1450.0
15.5	72.22	1.72	30.57	2.44	33.42	0.31	1450.5
16.0	72.22	1.72	30.57	2.44	33.42	0.32	1451.0
16.5	72.22	1.72	30.57	2.44	33.42	0.33	1451.5
17.0	72.22	1.72	30.57	2.44	33.42	0.34	1452.0
17.5	72.22	1.72	30.57	2.44	33.42	0.35	1452.5
18.0	72.22	1.72	30.57	2.44	33.42	0.36	1453.0
18.5	72.22	1.72	30.57	2.44	33.42	0.37	1453.5
19.0	72.22	1.72	30.57	2.44	33.42	0.38	1454.0
19.5	72.22	1.72	30.57	2.44	33.42	0.39	1454.5
20.0	72.22	1.72	30.57	2.44	33.42	0.40	1455.0
20.5	72.22	1.72	30.57	2.44	33.42	0.41	1455.5
21.0	72.22	1.72	30.57	2.44	33.42	0.42	1456.0
21.5	72.22	1.72	30.57	2.44	33.42	0.43	1456.5
22.0	72.22	1.72	30.57	2.44	33.42	0.44	1457.0
22.5	72.22	1.72	30.57	2.44	33.42	0.45	1457.5
23.0	72.22	1.72	30.57	2.44	33.42	0.46	1458.0
23.5	72.22	1.72	30.57	2.44	33.42	0.47	1458.5
24.0	72.22	1.72	30.57	2.44	33.42	0.48	1459.0
24.5	72.22						

30.56	-1.68	5.2	BUT NUM = 1
34.86	0.44	506.4	BUT NUM = 2

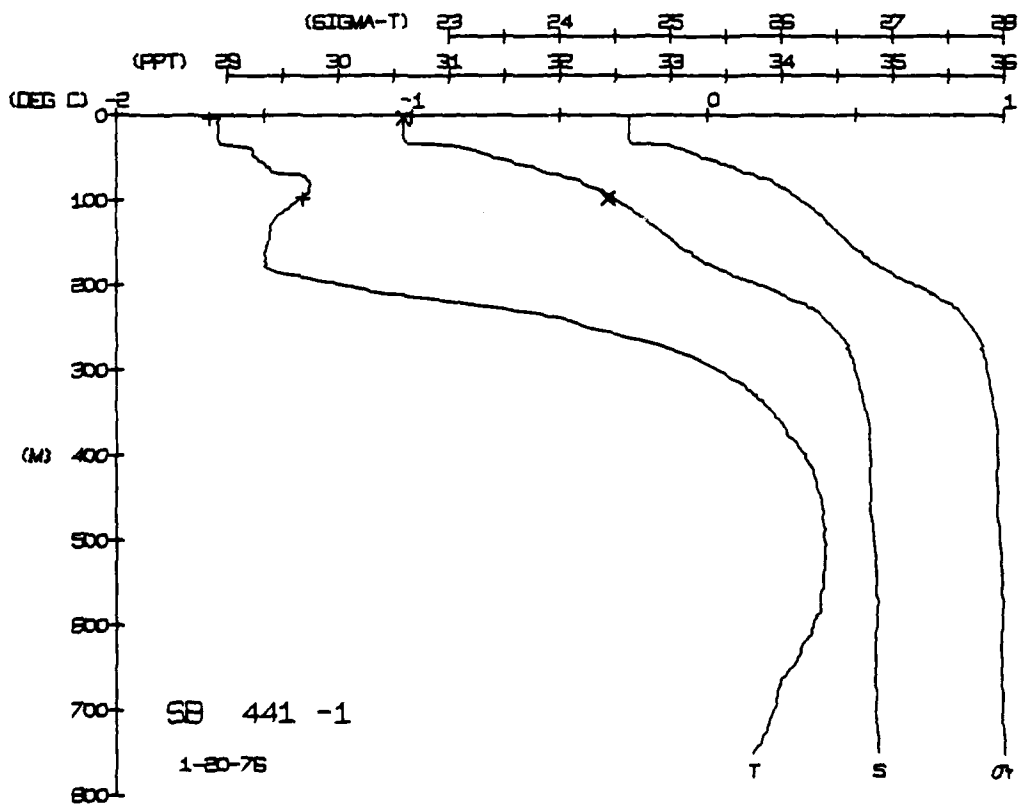
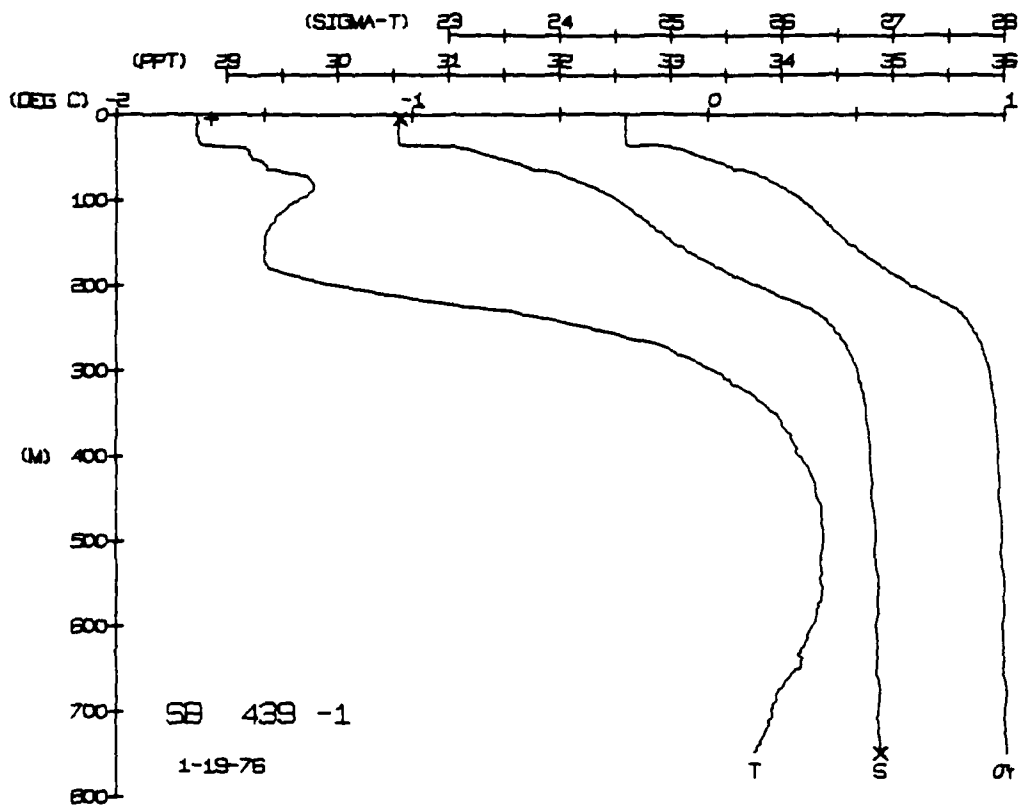
	DEPTH	TEMP.	SALIN
HOI NUM = 1	3.0	-1.68	30.56
HOF NUM = 2	246.4		34.37

SAI, IN
30-56
34-37



SSNOWBIRU STATION 441(1) CTD 20/JAN/1976 500 GMT CODE = 2
LAT = 73.9325N LNG = 144.9401W ITER = 1. LGPR = 2.
AIR TEMP = -39.0 BAROM = 1026.0 WIND = 260.7 SPEED = 70.3

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYNHI	SOUND
0.4	65.5	65.5	30.59	2.22	7.65	0.015	1144
0.5	65.5	65.5	30.59	2.22	6.5	0.017	1144
0.6	65.5	65.5	30.59	2.22	5.5	0.019	1144
0.7	65.5	65.5	30.59	2.22	4.5	0.021	1144
0.8	65.5	65.5	30.59	2.22	3.5	0.023	1144
0.9	65.5	65.5	30.59	2.22	2.5	0.025	1144
1.0	65.5	65.5	30.59	2.22	1.5	0.027	1144
1.1	65.5	65.5	30.59	2.22	0.5	0.029	1144
1.2	65.5	65.5	30.59	2.22	0.5	0.031	1144
1.3	65.5	65.5	30.59	2.22	0.5	0.033	1144
1.4	65.5	65.5	30.59	2.22	0.5	0.035	1144
1.5	65.5	65.5	30.59	2.22	0.5	0.037	1144
1.6	65.5	65.5	30.59	2.22	0.5	0.039	1144
1.7	65.5	65.5	30.59	2.22	0.5	0.041	1144
1.8	65.5	65.5	30.59	2.22	0.5	0.043	1144
1.9	65.5	65.5	30.59	2.22	0.5	0.045	1144
2.0	65.5	65.5	30.59	2.22	0.5	0.047	1144
2.1	65.5	65.5	30.59	2.22	0.5	0.049	1144
2.2	65.5	65.5	30.59	2.22	0.5	0.051	1144
2.3	65.5	65.5	30.59	2.22	0.5	0.053	1144
2.4	65.5	65.5	30.59	2.22	0.5	0.055	1144
2.5	65.5	65.5	30.59	2.22	0.5	0.057	1144
2.6	65.5	65.5	30.59	2.22	0.5	0.059	1144
2.7	65.5	65.5	30.59	2.22	0.5	0.061	1144
2.8	65.5	65.5	30.59	2.22	0.5	0.063	1144
2.9	65.5	65.5	30.59	2.22	0.5	0.065	1144
3.0	65.5	65.5	30.59	2.22	0.5	0.067	1144
3.1	65.5	65.5	30.59	2.22	0.5	0.069	1144
3.2	65.5	65.5	30.59	2.22	0.5	0.071	1144
3.3	65.5	65.5	30.59	2.22	0.5	0.073	1144
3.4	65.5	65.5	30.59	2.22	0.5	0.075	1144
3.5	65.5	65.5	30.59	2.22	0.5	0.077	1144
3.6	65.5	65.5	30.59	2.22	0.5	0.079	1144
3.7	65.5	65.5	30.59	2.22	0.5	0.081	1144
3.8	65.5	65.5	30.59	2.22	0.5	0.083	1144
3.9	65.5	65.5	30.59	2.22	0.5	0.085	1144
4.0	65.5	65.5	30.59	2.22	0.5	0.087	1144
4.1	65.5	65.5	30.59	2.22	0.5	0.089	1144
4.2	65.5	65.5	30.59	2.22	0.5	0.091	1144
4.3	65.5	65.5	30.59	2.22	0.5	0.093	1144
4.4	65.5	65.5	30.59	2.22	0.5	0.095	1144
4.5	65.5	65.5	30.59	2.22	0.5	0.097	1144
4.6	65.5	65.5	30.59	2.22	0.5	0.099	1144
4.7	65.5	65.5	30.59	2.22	0.5	0.101	1144
4.8	65.5	65.5	30.59	2.22	0.5	0.103	1144
4.9	65.5	65.5	30.59	2.22	0.5	0.105	1144
5.0	65.5	65.5	30.59	2.22	0.5	0.107	1144
5.1	65.5	65.5	30.59	2.22	0.5	0.109	1144
5.2	65.5	65.5	30.59	2.22	0.5	0.111	1144
5.3	65.5	65.5	30.59	2.22	0.5	0.113	1144
5.4	65.5	65.5	30.59	2.22	0.5	0.115	1144
5.5	65.5	65.5	30.59	2.22	0.5	0.117	1144
5.6	65.5						



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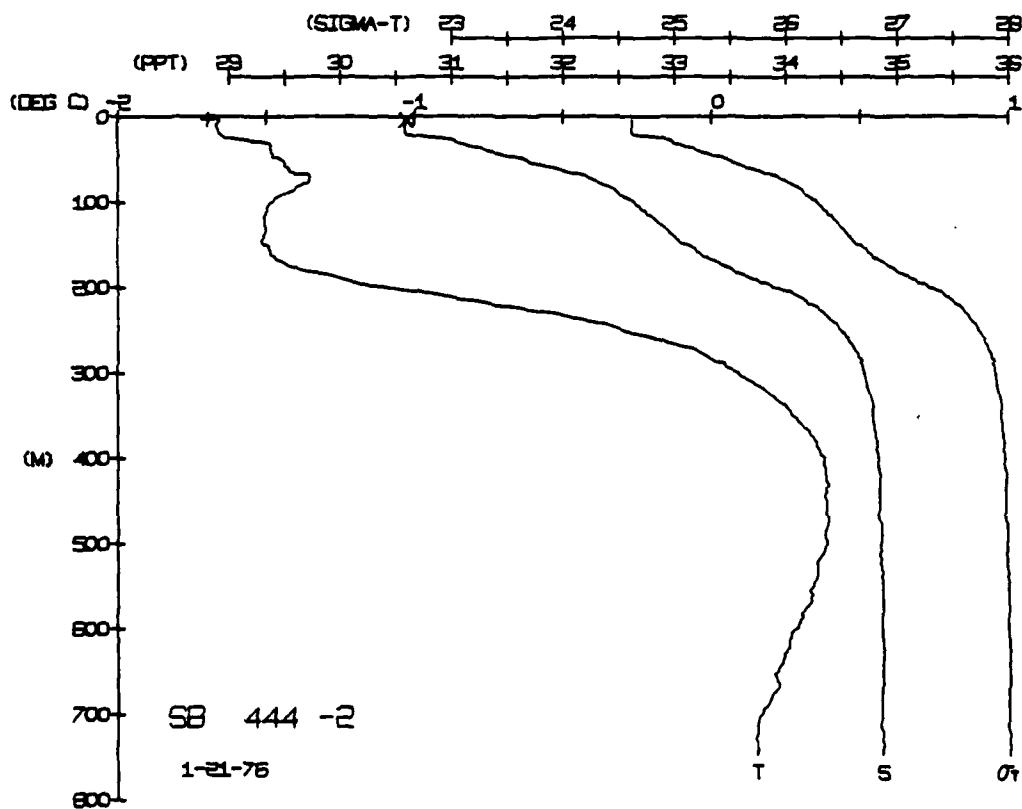
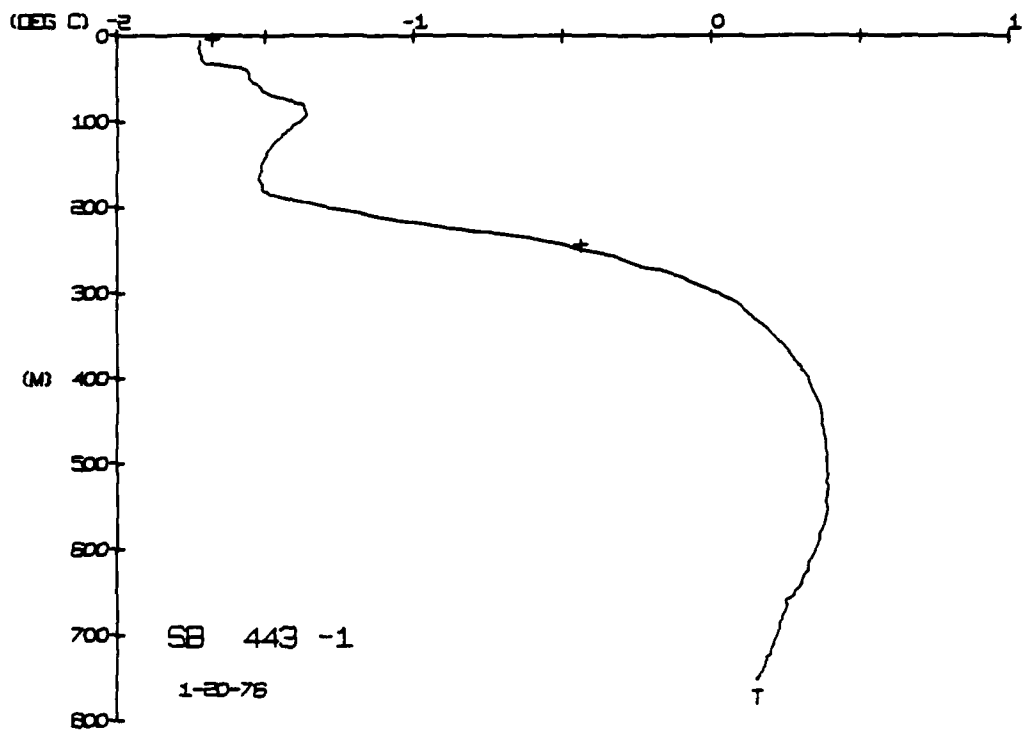
SSNBWIRD STATION 444(2) CTD 21/JAN/1976 530 GMT CODE = 2
73.9277N LNG = 144.9093W I.TER = 0 I.GPR = 0
-39.1 HARUM = 1033.0 WIND = 256.0 SPEED = 23.6

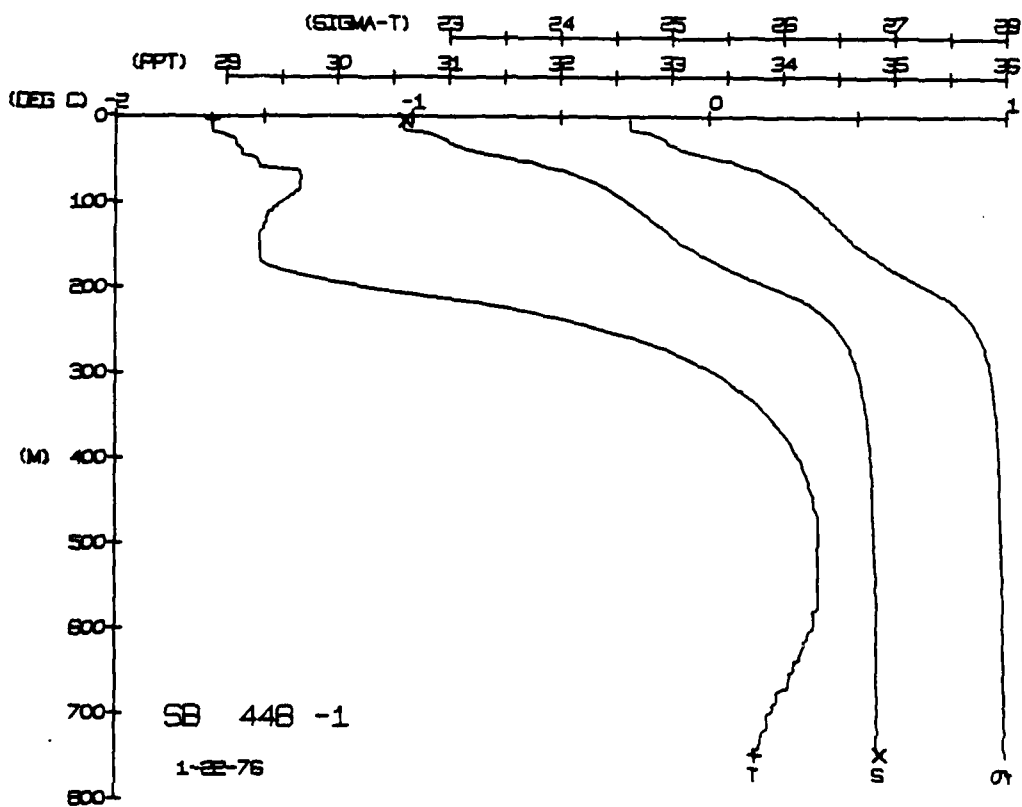
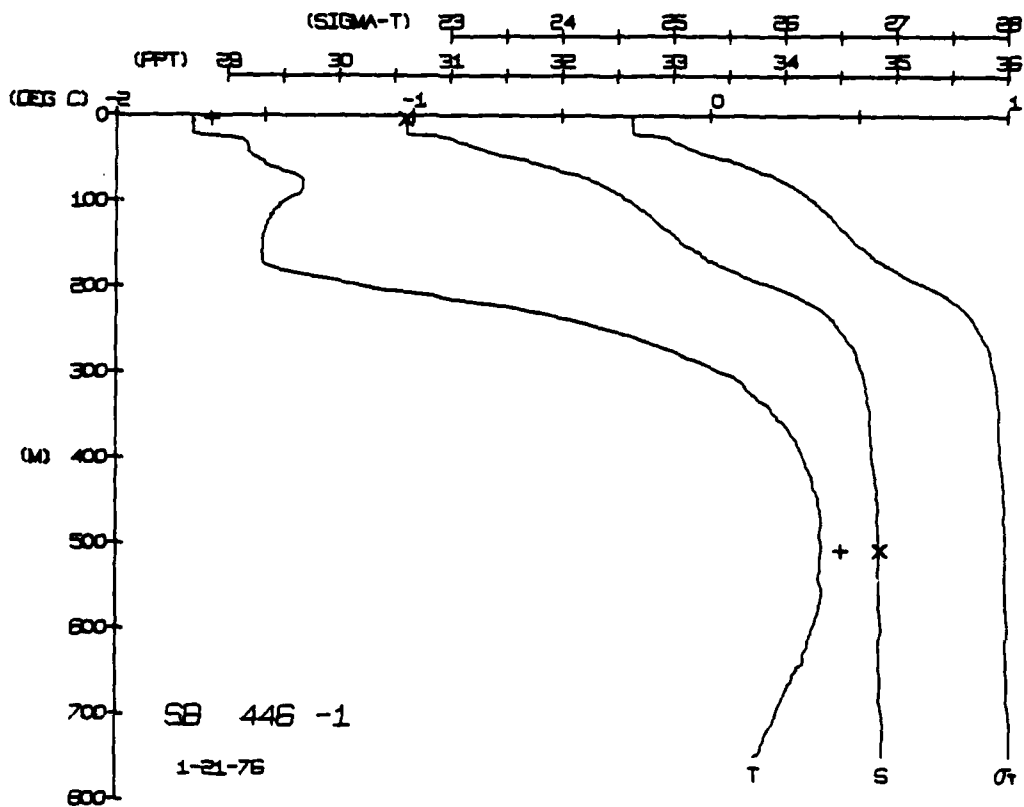
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DEPTH TEMP PTEMP SALIN SIG T SPVOL DYNHT SOUND

[illegible]

DEPTH	TEMP.	SALIN.
3.3	-1.70	30.60
244.0		





SSNOWBIRD STATION 452(2) CTD 23/JAN/1976 1808 GMT CODE = 2
LAT = 73.890IN LNG = 145.0856W I.TFR = 1. LGER = 3.
AIN TEMP = -31.5 BARUM = 1030.4 WIND = 324.9 SPEED = 35.3

[illegible]

BUT NUM = 1
 BUT NUM = 2

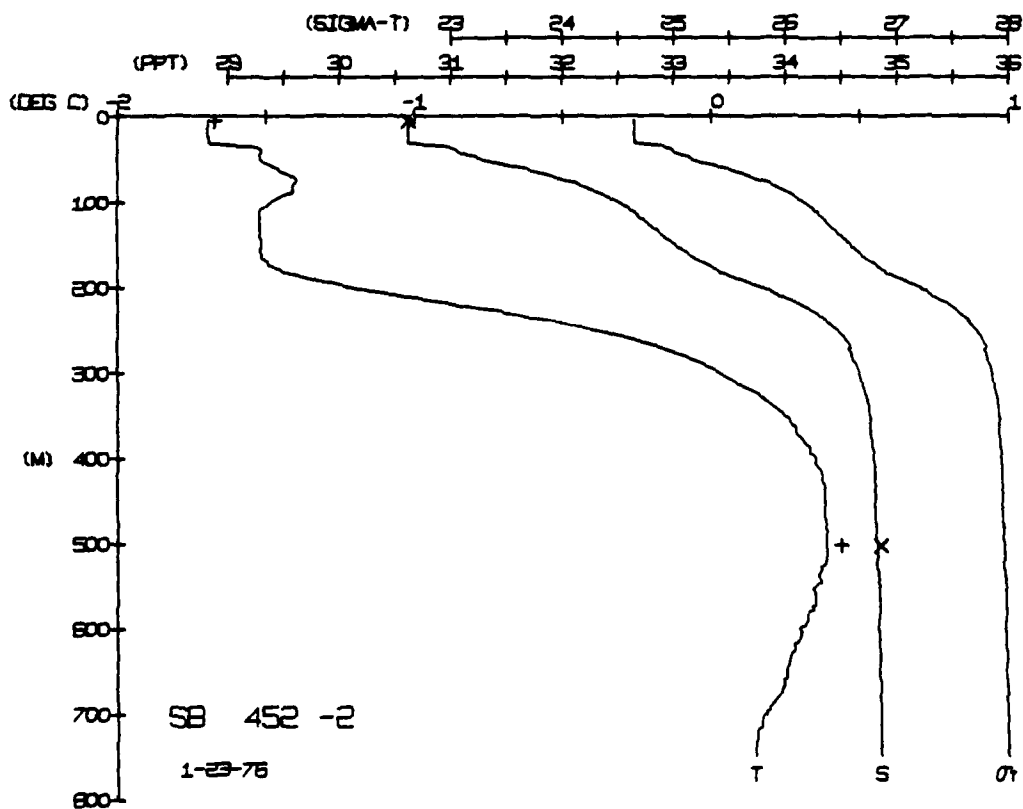
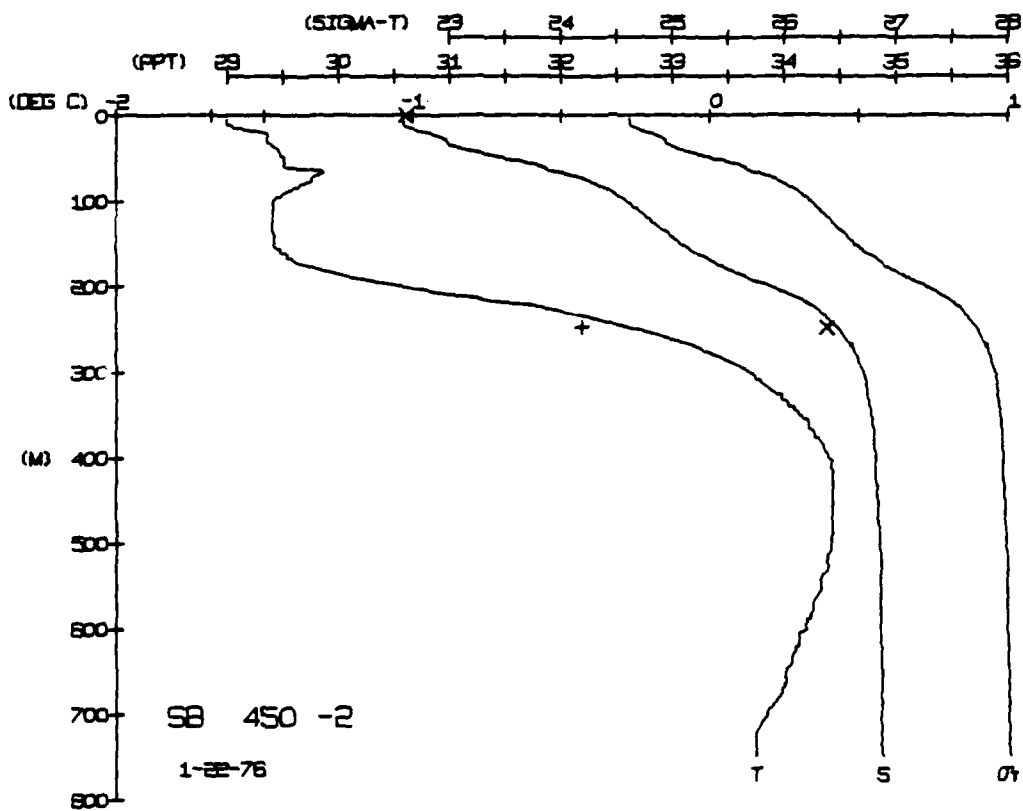
30-60
34-38

TEMP.

HOT	NUM	=	1
HOT	NUM	=	2

TFMP.
-1.67
0.44

SAI, I H
30-61
34-46



SNOWBIRD STATION 456(1) CTD 24/JAN/1976 1810 GMT C'DE = 2
LAT = 73.8667N LNG = 145.0125W I'EN = 1 I'GER = 2
AIR TEMP = -32.4 HARUM = 1026.9 WIND = 299.7 SPEED = 50.2

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
1.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
2.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
3.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
4.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
5.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
6.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
7.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
8.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
9.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
10.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
11.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
12.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
13.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
14.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
15.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
16.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
17.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
18.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
19.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
20.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
21.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
22.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
23.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
24.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
25.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
26.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
27.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
28.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
29.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
30.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
31.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
32.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
33.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
34.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
35.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
36.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
37.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
38.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
39.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
40.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
41.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
42.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
43.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
44.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
45.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
46.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
47.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
48.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
49.5	68.68	1.68	30.63	5.65	29.65	0.00	4335
50.5	68.68	1.68					

ROUT	NUM	=	1
ROUT	NUM	=	2

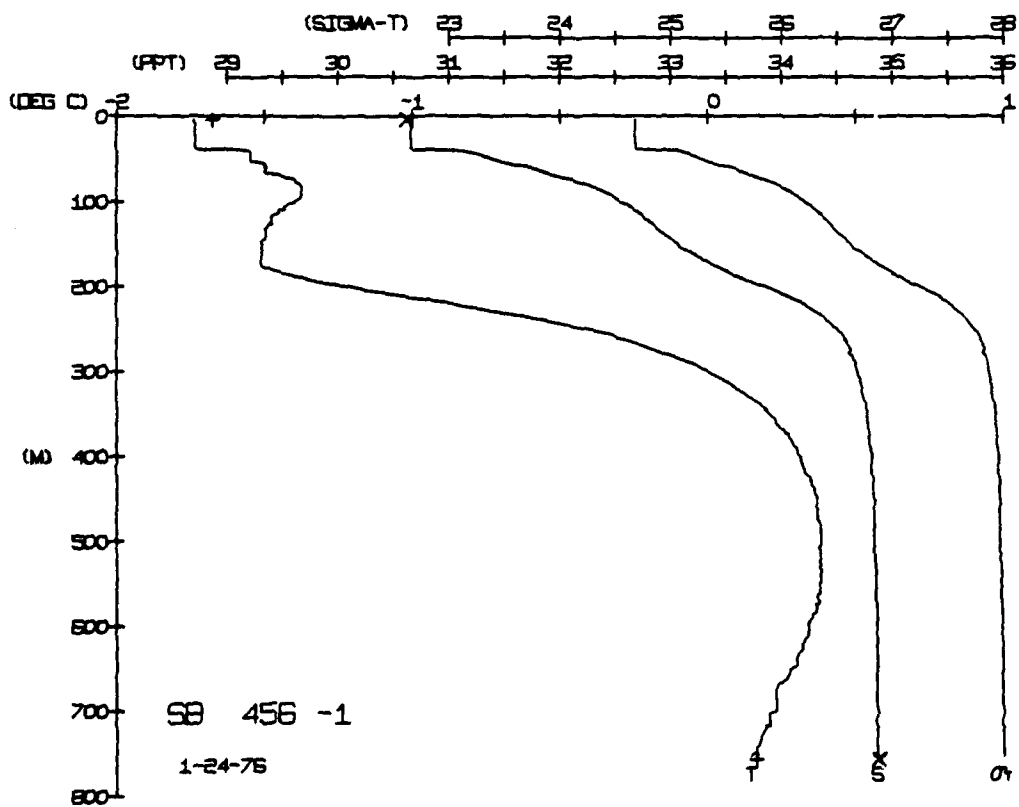
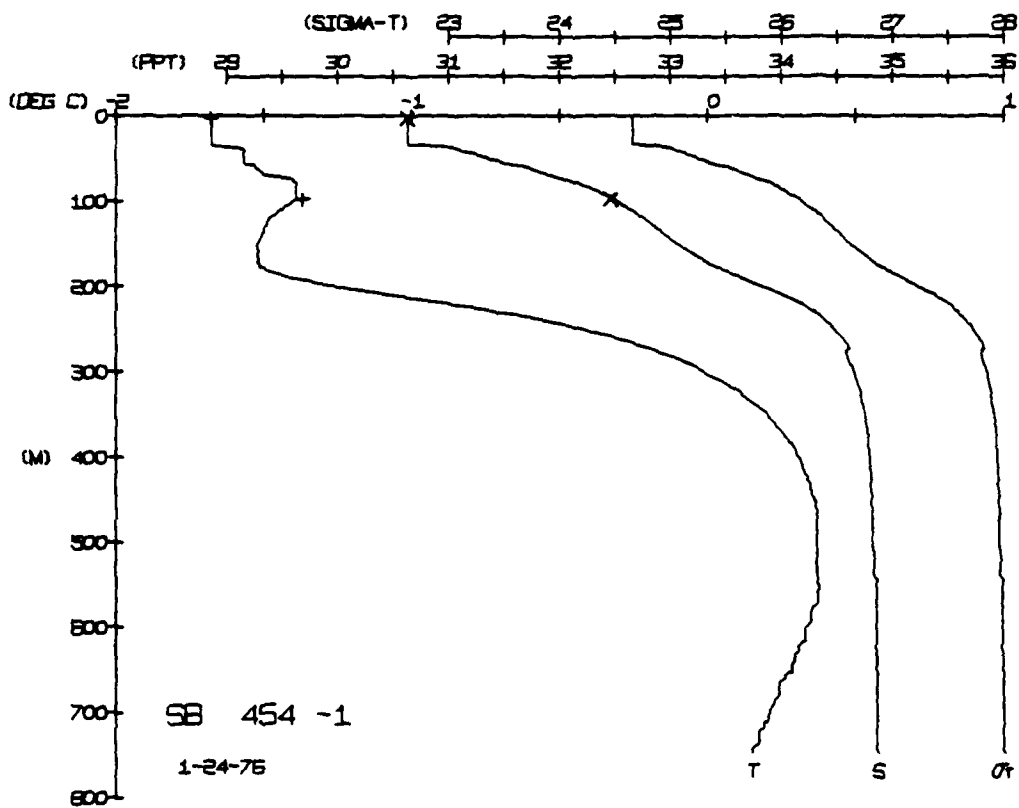
DEPTH	TEMP.	SALIN
3.0	-1.68	30.62
94.2	-1.31	32.46

BT	NUM	=	1
BT	NUM	=	2

4.0
756.4

TEMP.
-1.67
0.17

SALIN
30-62
34-H9



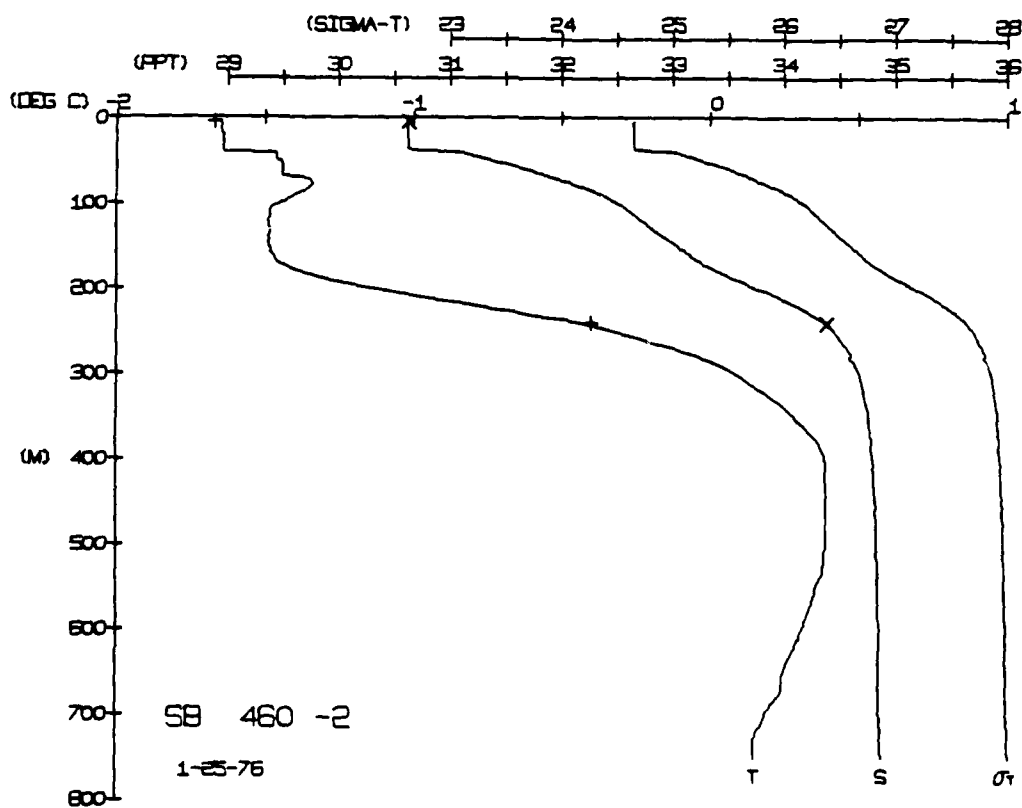
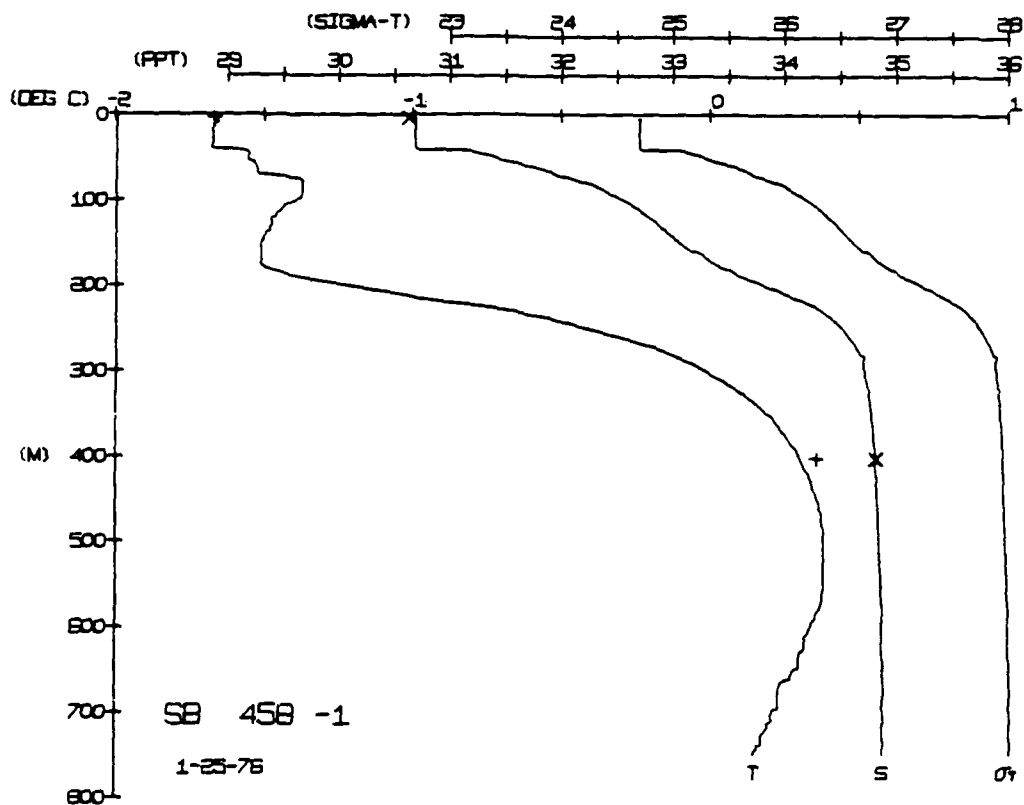
SNOWBIRD STATION 458(1) CTD 25/JAN/1976 500 GMT CUDE = 2
LAT = 73.6611N LNG = 145.0019W UTM = 0.0
AIR TEMP = -32.4 BAROM = 1026.9 WIND = 299.7 SPEED = 50.2

DEPTH	TEMP	PTMP	SALIN	SIC	T	SPVOL	DYNHT	SOUND
0	67	67	30.68	24	70	15.4	0.000	1435.4
5	67	67	30.68	24	70	15.4	0.016	1435.5
10	67	67	30.68	24	70	15.4	0.033	1435.6
15	67	67	30.68	24	70	15.4	0.050	1435.7
20	67	67	30.68	24	70	15.4	0.066	1435.8
25	67	67	30.68	24	70	15.4	0.082	1435.9
30	67	67	30.68	24	70	15.4	0.098	1436.0
35	67	67	30.68	24	70	15.4	0.115	1436.1
40	67	67	30.68	24	70	15.4	0.131	1436.2
45	67	67	30.68	24	70	15.4	0.146	1436.3
50	67	67	30.68	24	70	15.4	0.160	1436.4
55	67	67	30.68	24	70	15.4	0.176	1436.5
60	67	67	30.68	24	70	15.4	0.190	1436.6
65	67	67	30.68	24	70	15.4	0.206	1436.7
70	67	67	30.68	24	70	15.4	0.222	1436.8
75	67	67	30.68	24	70	15.4	0.237	1436.9
80	67	67	30.68	24	70	15.4	0.253	1437.0
85	67	67	30.68	24	70	15.4	0.268	1437.1
90	67	67	30.68	24	70	15.4	0.284	1437.2
95	67	67	30.68	24	70	15.4	0.299	1437.3
100	67	67	30.68	24	70	15.4	0.315	1437.4
105	67	67	30.68	24	70	15.4	0.330	1437.5
110	67	67	30.68	24	70	15.4	0.346	1437.6
115	67	67	30.68	24	70	15.4	0.361	1437.7
120	67	67	30.68	24	70	15.4	0.377	1437.8
125	67	67	30.68	24	70	15.4	0.392	1437.9
130	67	67	30.68	24	70	15.4	0.408	1438.0
135	67	67	30.68	24	70	15.4	0.423	1438.1
140	67	67	30.68	24	70	15.4	0.439	1438.2
145	67	67	30.68	24	70	15.4	0.454	1438.3
150	67	67	30.68	24	70	15.4	0.470	1438.4
155	67	67	30.68	24	70	15.4	0.485	1438.5
160	67	67	30.68	24	70	15.4	0.501	1438.6
165	67	67	30.68	24	70	15.4	0.516	1438.7
170	67	67	30.68	24	70	15.4	0.532	1438.8
175	67	67	30.68	24	70	15.4	0.547	1438.9
180	67	67	30.68	24	70	15.4	0.563	1439.0
185	67	67	30.68	24	70	15.4	0.578	1439.1
190	67	67	30.68	24	70	15.4	0.594	1439.2
195	67	67	30.68	24	70	15.4	0.609	1439.3
200	67	67	30.68	24	70	15.4	0.625	1439.4
205	67	67	30.68	24	70	15.4	0.640	1439.5
210	67	67	30.68	24	70	15.4	0.656	1439.6
215	67	67	30.68	24	70	15.4	0.671	1439.7
220	67	67	30.68	24	70	15.4	0.687	1439.8
225	67	67	30.68	24	70	15.4	0.702	1439.9
230	67	67	30.68	24	70	15.4	0.718	1440.0
235	67	67	30.68	24	70	15.4	0.733	1440.1
240	67	67	30.68	24	70	15.4	0.749	1440.2
245	67	67	30.68	24	70	15.4	0.764	1440.3
250	67	67	30.68	24	70	15.4	0.780	1440.4
255	67	67	30.68	24	70	15.4	0.795	1440.5
260	67	67	30.68	24	70	15.4	0.811	1440.6
265	67	67	30.68	24	70	15.4	0.826	1440.7
270	67	67	30.68	24	70	15.4	0.842	1440.8
275	67	67	30.68	24	70	15.4	0.857	1440.9
280	67	67	30.68	24	70	15.4	0.873	1441.0
285	67	67	30.68	24	70	15.4	0.888	1441.1
290	67	67	30.68	24	70	15.4	0.904	1441.2
295	67	67	30.68	24	70	15.4	0.919	1441.3
300	67	67	30.68	24	70	15.4	0.935	1441.4
305	67	67	30.68	24	70	15.4	0.950	1441.5
310	67	67	30.68	24	70	15.4	0.966	1441.6
315	67	67	30.68	24	70	15.4	0.981	1441.7
320	67	67	30.68	24	70	15.4	0.997	1441.8
325	67	67	30.68	24	70	15.4	1.012	1441.9
330	67	67	30.68	24	70	15.4	1.028	1442.0
335	67	67	30.68	24	70	15.4	1.043	1442.1
340	67	67	30.68	24	70	15.4	1.059	1442.2
345	67	67	30.68	24	70	15.4	1.074	1442.3
350	67	67	30.68	24	70	15.4	1.090	1442.4
355	67	67	30.68	24	70	15.4	1.105	1442.5
360	67	67	30.68	24	70	15.4	1.121	1442.6
365	67	67	30.68	24	70	15.4	1.136	1442.7
370	67	67	30.68	24	70	15.4	1.152	1442.8
375	67	67	30.68	24	70	15.4	1.167	1442.9
380	67	67	30.68	24	70	15.4	1.183	1443.0
385	67	67	30.68	24	70	15.4	1.198	1443.1
390	67	67	30.68	24	70	15.4	1.214	1443.2
395	67	67	30.68	24	70	15.4	1.229	1443.3
400	67	67	30.68	24	70	15.4	1.245	1443.4
405	67	67	30.68	24	70	15.4	1.260	1443.5
410	67	67	30.68	24	70	15.4	1.276	1443.6
415	67	67	30.68	24	70	15.4	1.291	1443.7
420	67	67	30.68	24	70	15.4	1.307	1443.8
425	67	67	30.68	24	70	15.4	1.322	1443.9
430	67	67	30.68	24	70	15.4	1.338	1444.0
435	67	67	30.68	24	70	15.4	1.353	1444.1
440	67	67	30.68	24	70	15.4	1.369	1444.2
445	67	67	30.68	24	70	15.4	1.384	1444.3
450	67	67	30.68	24	70	15.4	1.400	1444.4
455	67	67	30.68	24	70	15.4	1.415	1444.5
460	67	67	30.68	24	70	15.4	1.431	1444.6
465	67	67	30.68	24	70	15.4	1.446	1444.7
470	67	67	30.68	24	70	15.4	1.462	1444.8
475	67	67	30.68	24	70	15.4	1.477	1444.9
480	67	67	30.68	24	70	15.4	1.493	1445.0
485	67	67	30.68	24	70	15.4	1.508	1445.1
490	67	67	30.68	24	70	15.4	1.524	1445.2
495	67	67	30.68	24	70	15.4	1.539	1445.3
500	67	67	30.68	24	70	15.4	1.555	1445.4
505	67	67	30.68	24	70	15.4	1.570	1445.5
510	67	67	30.68	24	70	15.4	1.586	1445.6
515	67	67	30.68	24	70	15.4	1.601	1445.7
520	67	67	30.68	24	70	15.4	1.617	1445.8
525	67	67	30.68	24	70	15.4	1.632	1445.9
530	67	67	30.68	24	70	15.4	1.648	1446.0
535	67	67	30.68	24	70	15.4	1.663	1446.1
540	67	67	30.68	24	70	15.4	1.679	1446.2
545	67	67	30.68	24	70	15.4	1.694	1446.3
550	67	67	30.68	24	70	15.4	1.710	1446.4
555	67	67	30.68	24	70	15.4	1.725	1446.5
560	67	67	30.68	24	70	15.4	1.741	1446.6
565	67	67	30.68	24	70	15.4	1.756	1446.7
570	67	67	30.68	24	70	15.4	1.772	1446.8
575	67	67	30.68	24	70	15.4	1.787	1446.9
580	67	67	30.68	24	70	15.4	1.803	1447.0
585	67	67	30.68	24	70	15.4	1.818	1447.1
590	67	67	30.68	24	70	15.4	1.834	1447.2
595	67	67	30.68	24	70	15.4	1.849	1447.3
600	67	67	30.68	24	70	15.4	1.865	1447.4
605	67	67	30.68	24	70	15.4	1.880	1447.5
610	67	67	30.68	24	70	15.4	1.896	1447.6
615	67	67	30.68	24	70	15.4	1.911	1447.7
620	67	67	30.68	24	70	15.4	1.927	1447.8
625	67	67	30.68	24	70	15.4	1.942	1447.9
630	67	67	30.68	24	70	15.4	1.958	1448.0
635	67	67	30.68	24	70	15.4	1.973	1448.1
640	67	67	30.68	24	70	15.4	1.989	1448.2
645	67	67	30.68	24	70	15.4	2.004	1448.3
650	67	67	30.68	24	70	15.4	2.020	1448.4
655	67	67	30.68	24	70	15.4	2.035	1448.5
660	67	67	30.68	24	70	15.4	2.051	1448.6
665	67	67	30.68	24	70	15.4	2.066	1448.7
670	67	67	30.68	24	70	15.4	2.082	1448.8
675	67	67	30.68	24	70	15.4	2.097	1448.9
680	67	67	30.68	24	70	15.4	2.113	1449.0
685	67	67	30.68	24	70	15.4	2.128	1449.1
690	67	67	30.68	24	70	15.4	2.144	1449.2
695	67	67	30.68	24	70	15.4	2.159	1449.3
700	67	67	30.68	24	70	15.4	2.175	1449.4
705	67	67	30.68	24	70	15.4	2.190	1449.5
710	67	67	30.68	24	70	15.4	2.206	1449.6
715	67	67	30.68	24	70	15.4	2.221	1449.7
720	67	67	30.68	24	70	15.4	2.237	1449.8
725	67	67	30.68	24	70	15.4	2.252	1449.9
730	67	67	30.68	24	70	15.4	2.268	1450.0

DEPTH 3.7 401.6
TEMP. -1.67 0.36
HOT NUM = 1
HOT NUM = 2

SNOWBIRD STATION 458(2) CTD 25/JAN/1976 1937 GMT CONF = 2
LAT = 73.8553N LNG = 145.0090W UTM = 3.3
AIR TEMP = -37.2 BAROM = 1024.0 WIND = 335.9 SPEED = 51.3

DEPTH	TEMP</
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SNOWBIRD STATION 462(1) CTD 26/JAN/1976 540 GMT CODE = 2
 LAT = 73.8546N LNG = 145.0093W LTER = 0 LGER = 0
 AIR TEMP = -37.2 HARUM = 1024.5 WIND = 335.0 SPEED = 51.3

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.67	1.67	30.64	24.66	28.99	0.000	1435.3
5	1.67	1.67	30.64	24.66	328.9	0.014	1435.4
10	1.67	1.67	30.64	24.66	328.9	0.033	1435.5
15	1.67	1.67	30.64	24.66	328.9	0.066	1435.6
20	1.67	1.67	30.64	24.66	328.9	0.099	1435.7
25	1.68	1.68	30.65	24.67	327.7	0.116	1435.8
30	1.68	1.68	30.65	24.67	327.7	0.136	1435.9
35	1.55	1.55	31.22	25.13	308.3	0.146	1437.0
40	1.55	1.55	31.50	25.36	272.5	0.174	1438.7
45	1.54	1.54	31.82	25.53	245.5	0.189	1438.8
50	1.53	1.53	31.92	25.62	227.7	0.199	1438.8
55	1.53	1.53	32.22	25.93	201.4	0.211	1440.0
60	1.43	1.43	32.22	26.07	182.2	0.222	1440.0
65	1.36	1.36	32.22	26.29	167.5	0.239	1441.1
70	1.36	1.36	32.22	26.45	158.0	0.270	1441.1
75	1.46	1.46	32.89	26.60	141.9	0.303	1441.9
80	1.51	1.51	32.89	26.73	130.1	0.323	1441.9
85	1.51	1.51	33.31	26.90	115.0	0.353	1442.2
90	1.51	1.51	33.31	27.05	102.4	0.360	1442.2
95	1.41	1.41	33.31	27.21	91.0	0.392	1443.3
100	1.26	1.26	33.31	27.36	81.5	0.410	1443.3
105	0.88	0.88	34.31	27.49	75.0	0.427	1446.0
110	0.53	0.53	34.31	27.61	69.0	0.432	1447.0
115	0.31	0.31	34.48	27.77	64.4	0.437	1448.0
120	0.22	0.22	34.58	27.81	61.5	0.444	1450.0
125	0.14	0.14	34.60	27.86	59.5	0.450	1452.2
130	0.02	0.02	34.66	27.87	55.9	0.453	1453.3
135	0.04	0.04	34.69	27.89	52.8	0.458	1454.4
140	0.10	0.10	34.71	27.90	50.7	0.461	1454.4
145	0.17	0.17	34.75	27.91	48.1	0.465	1455.6
150	0.23	0.23	34.79	27.94	45.8	0.471	1455.6
155	0.30	0.30	34.81	27.95	43.5	0.475	1456.7
160	0.35	0.35	34.82	27.96	41.0	0.482	1457.0
165	0.34	0.34	34.84	27.97	38.8	0.488	1458.8
170	0.34	0.34	34.84	27.97	36.5	0.491	1458.8
175	0.34	0.34	34.84	27.98	34.2	0.495	1459.0
180	0.34	0.34	34.84	27.98	32.0	0.497	1459.0
185	0.34	0.34	34.84	27.98	30.0	0.503	1459.0
190	0.34	0.34	34.84	27.99	28.0	0.509	1460.7
195	0.34	0.34	34.84	27.99	26.0	0.514	1460.7
200	0.34	0.34	34.84	27.99	24.0	0.519	1461.1
205	0.34	0.34	34.84	27.99	22.0	0.524	1461.1
210	0.34	0.34	34.84	27.99	20.0	0.529	1462.2

DEPTH 11.1
 TEMP -1.67
 SPVOL 30.63
 SOUND 14.44

SNOWBIRD STATION 464(1) CTD 26/JAN/1976 1840 GMT CODE = 2
 LAT = 73.8546N LNG = 145.0101W LTER = 1 LGER = 2
 AIR TEMP = -41.2 HARUM = 1077.9 WIND = 287.3 SPEED = 8.0

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	1.67	1.67	30.67	24.67	326.5	0.000	1435.0
5	1.67	1.67	30.67	24.67	326.5	0.016	1435.1
10	1.67	1.67	30.67	24.67	326.5	0.033	1435.2
15	1.67	1.67	30.67	24.67	326.5	0.066	1435.3
20	1.67	1.67	30.67	24.67	326.5	0.099	1435.4
25	1.67	1.67	30.67	24.67	326.5	0.115	1435.5
30	1.67	1.67	30.67	24.67	326.5	0.131	1435.6
35	1.67	1.67	30.67	24.67	326.5	0.146	1435.7
40	1.67	1.67	30.67	24.67	326.5	0.160	1435.8
45	1.67	1.67	30.67	24.67	326.5	0.174	1435.9
50	1.67	1.67	30.67	24.67	326.5	0.187	1436.0
55	1.67	1.67	30.67	24.67	326.5	0.199	1436.1
60	1.67	1.67	30.67	24.67	326.5	0.211	1436.2
65	1.67	1.67	30.67	24.67	326.5	0.222	1436.3
70	1.67	1.67	30.67	24.67	326.5	0.239	1436.4
75	1.67	1.67	30.67	24.67	326.5	0.270	1436.5
80	1.67	1.67	30.67	24.67	326.5	0.286	1436.6
85	1.67	1.67	30.67	24.67	326.5	0.303	1436.7
90	1.67	1.67	30.67	24.67	326.5	0.323	1436.8
95	1.67	1.67	30.67	24.67	326.5	0.353	1436.9
100	1.67	1.67	30.67	24.67	326.5	0.360	1437.0
105	1.67	1.67	30.67	24.67	326.5	0.392	1437.1
110	1.67	1.67	30.67	24.67	326.5	0.410	1437.2
115	1.67	1.67	30.67	24.67	326.5	0.427	1437.3
120	1.67	1.67	30.67	24.67	326.5	0.432	1437.4
125	1.67	1.67	30.67	24.67	326.5	0.437	1437.5
130	1.67	1.67	30.67	24.67	326.5	0.444	1437.6
135	1.67	1.67	30.67	24.67	326.5	0.450	1437.7
140	1.67	1.67	30.67	24.67	326.5	0.453	1437.8
145	1.67	1.67	30.67	24.67	326.5	0.458	1437.9
150	1.67	1.67	30.67	24.67	326.5	0.461	1438.0
155	1.67	1.67	30.67	24.67	326.5	0.465	1438.1
160	1.67	1.67	30.67	24.67	326.5	0.471	1438.2
165	1.67	1.67	30.67	24.67	326.5	0.475	1438.3
170	1.67	1.67	30.67	24.67	326.5	0.482	1438.4
175	1.67	1.67	30.67	24.67	326.5	0.488	1438.5
180	1.67	1.67	30.67	24.67	326.5	0.491	1438.6
185	1.67	1.67	30.67	24.67	326.5	0.495	1438.7
190	1.67	1.67	30.67	24.67	326.5	0.497	1438.8
195	1.67	1.67	30.67	24.67	326.5	0.503	1438.9
200	1.67	1.67	30.67	24.67	326.5	0.509	1439.0
205	1.67	1.67	30.67	24.67	326.5	0.514	1439.1
210	1.67	1.67	30.67	24.67	326.5	0.519	1439.2
215	1.67	1.67	30.67	24.67	326.5	0.524	1439.3
220	1.67	1.67	30.67	24.67	326.5	0.529	1439.4

DEPTH 11.1
 TEMP -1.67
 SPVOL 30.63
 SOUND 14.44

AD-A118 204

LAMONT-DOHERTY GEOLOGICAL OBSERVATORY PALISADES NY

F/G 8/10

ARCTIC ICE DYNAMICS JOINT EXPERIMENT 1975-1976.

PHYSICAL OCEANO--ETC(U)

FEB 80 E. BAUER, K HUNKINS, T O MANLEY

N00014-76-C-0004

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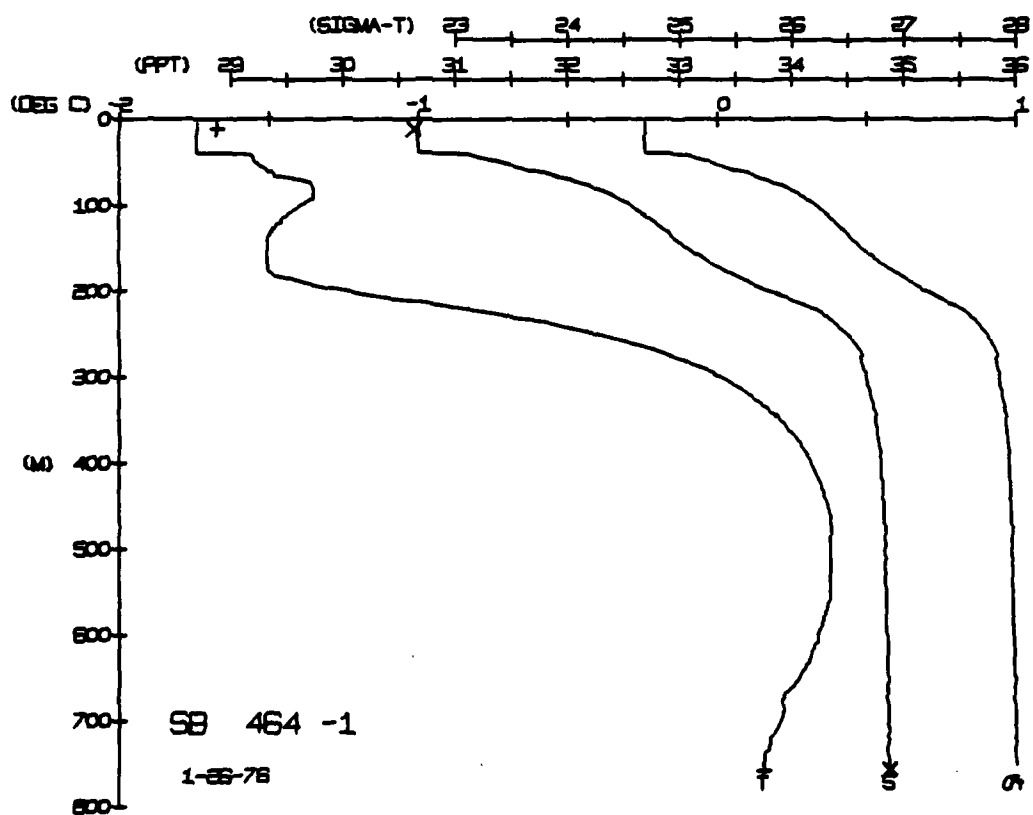
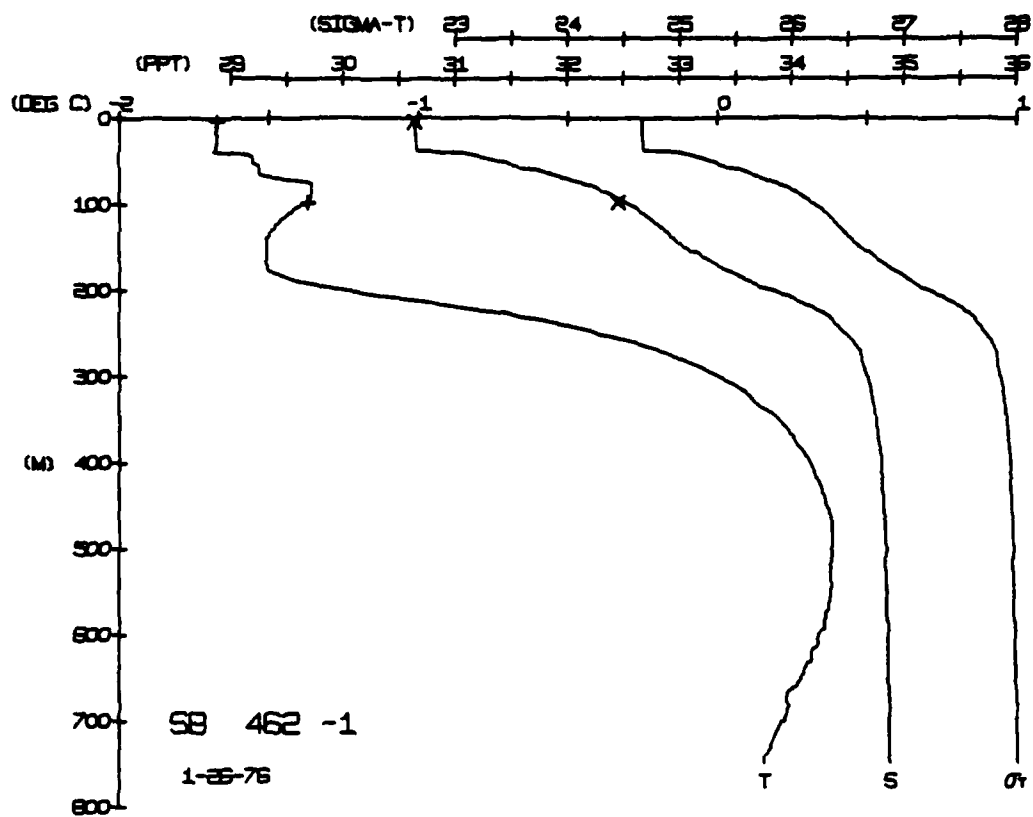
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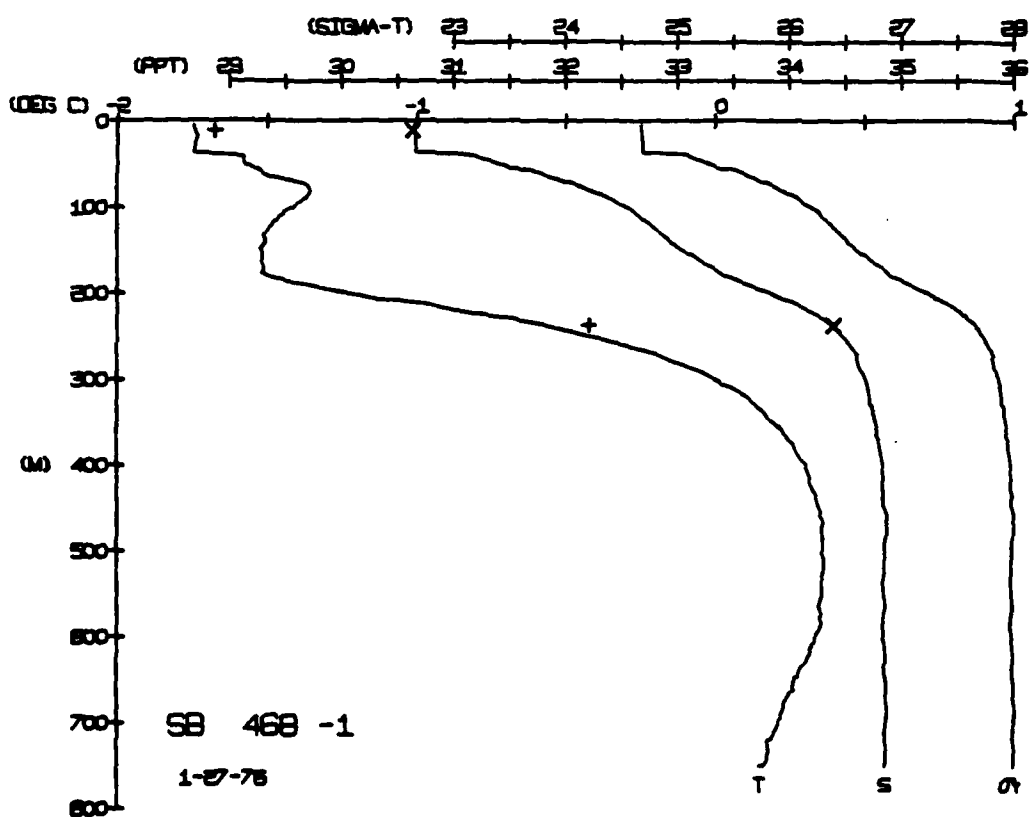
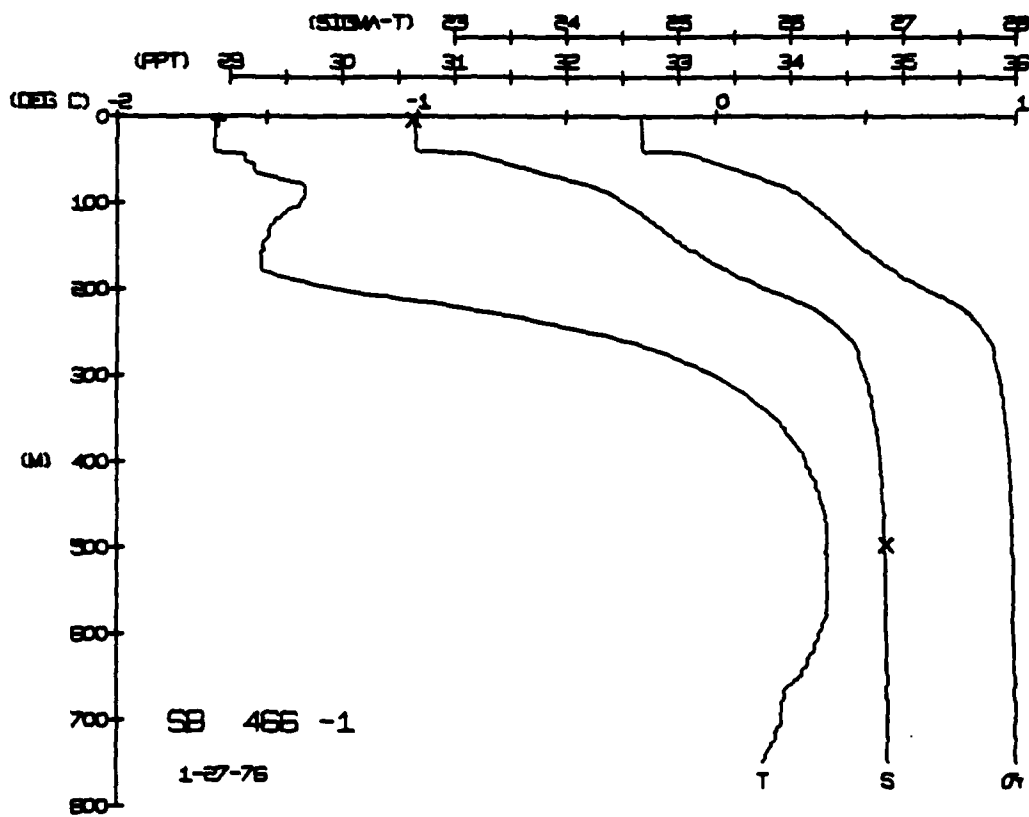
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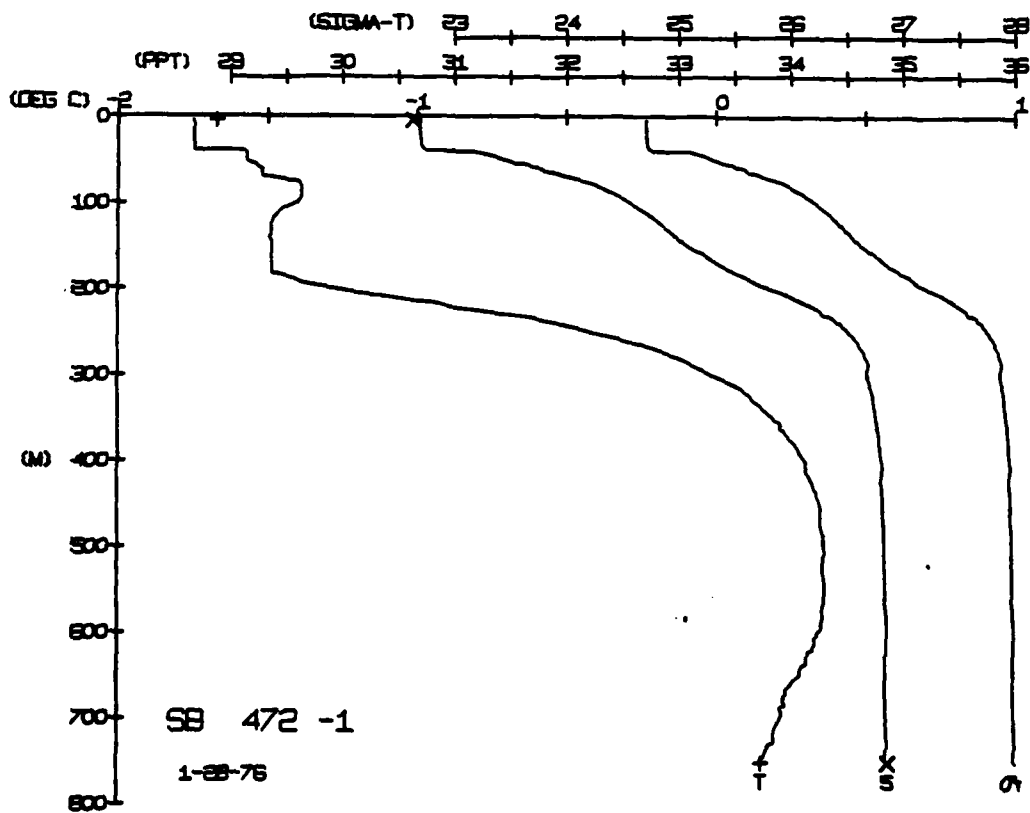
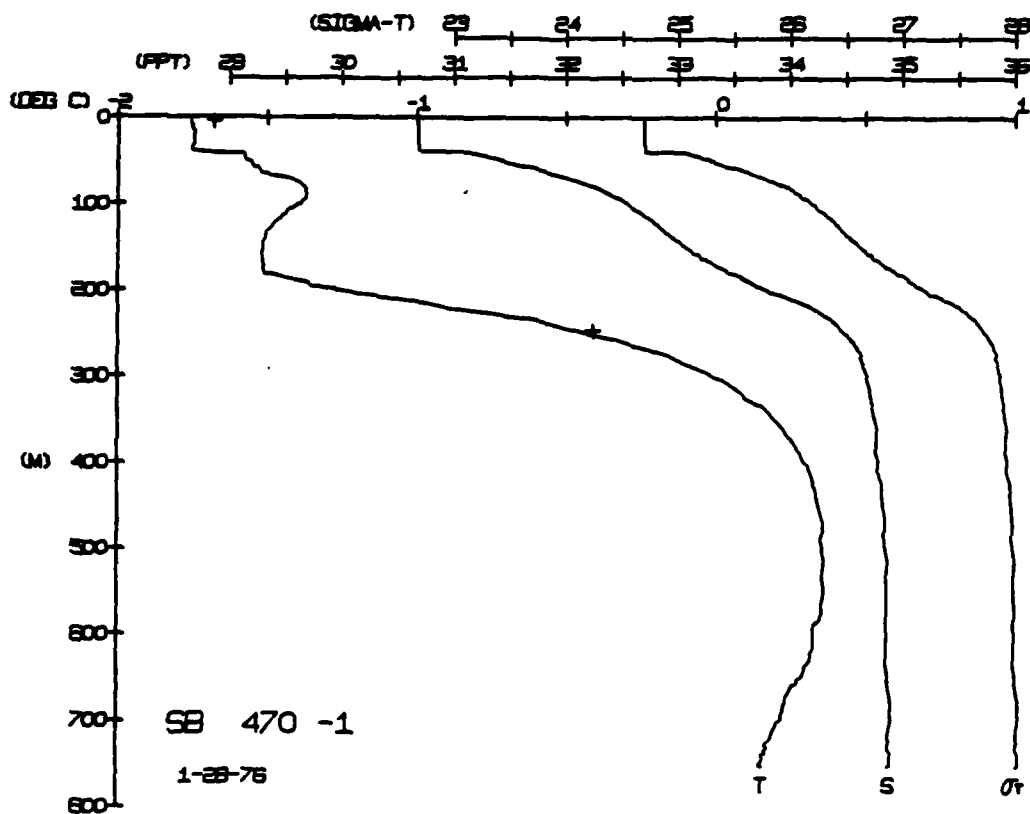
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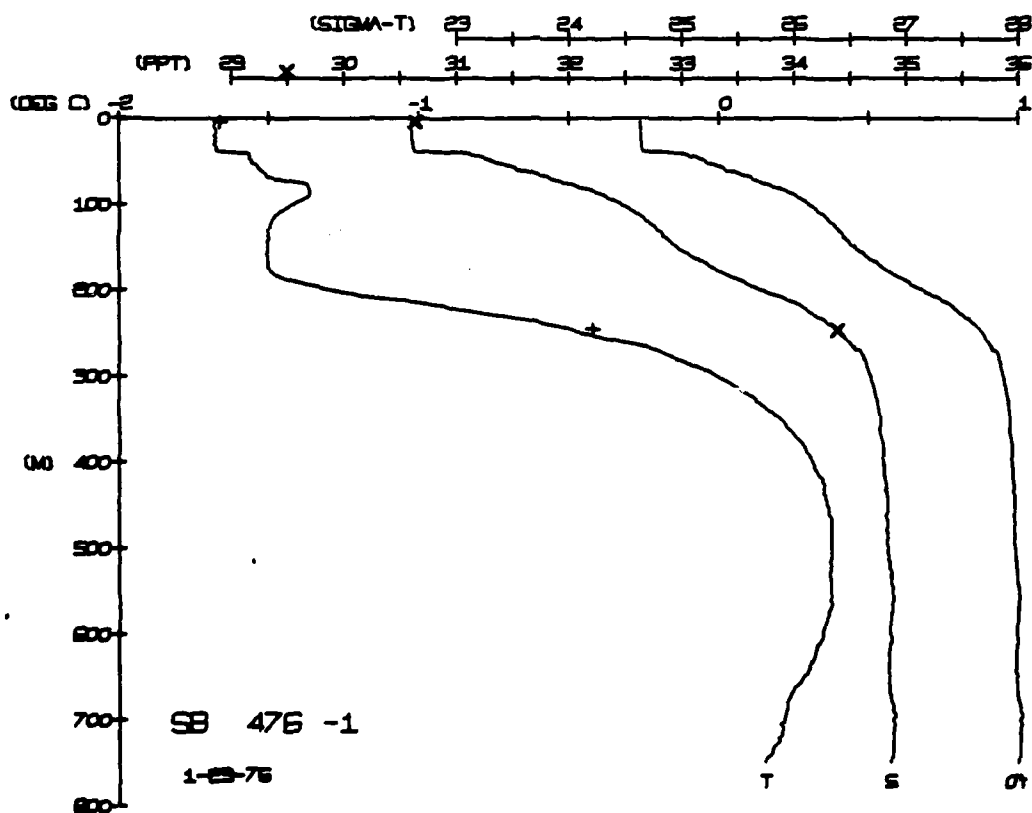
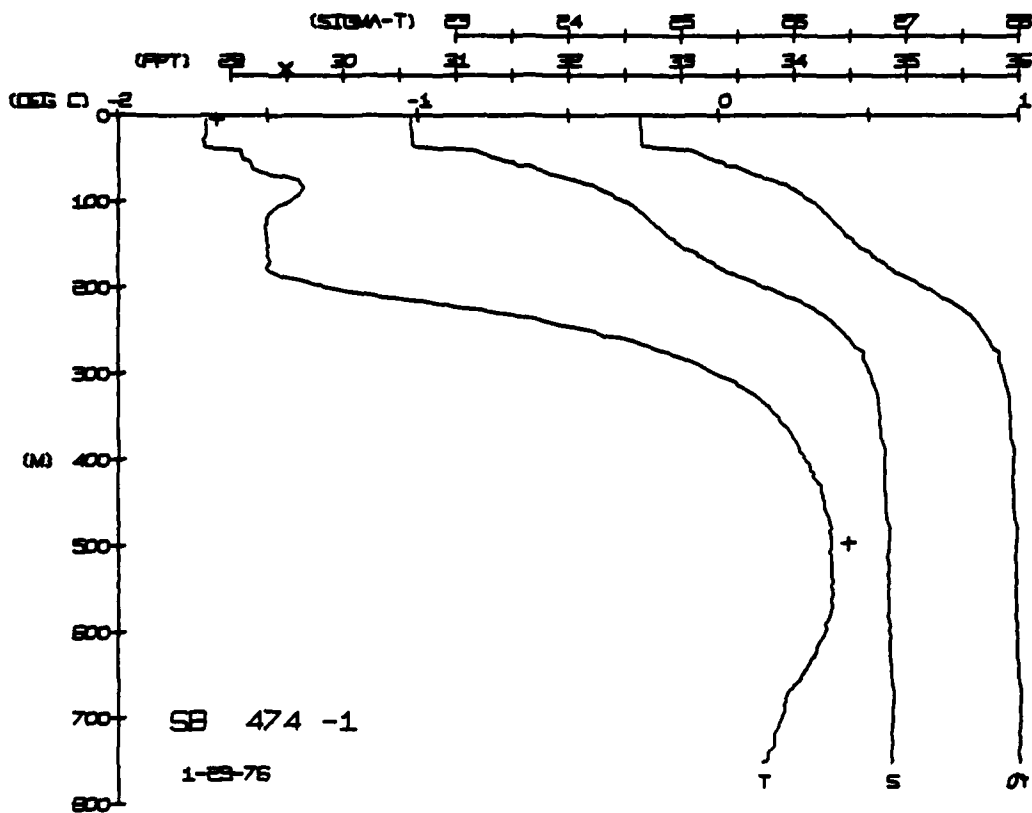
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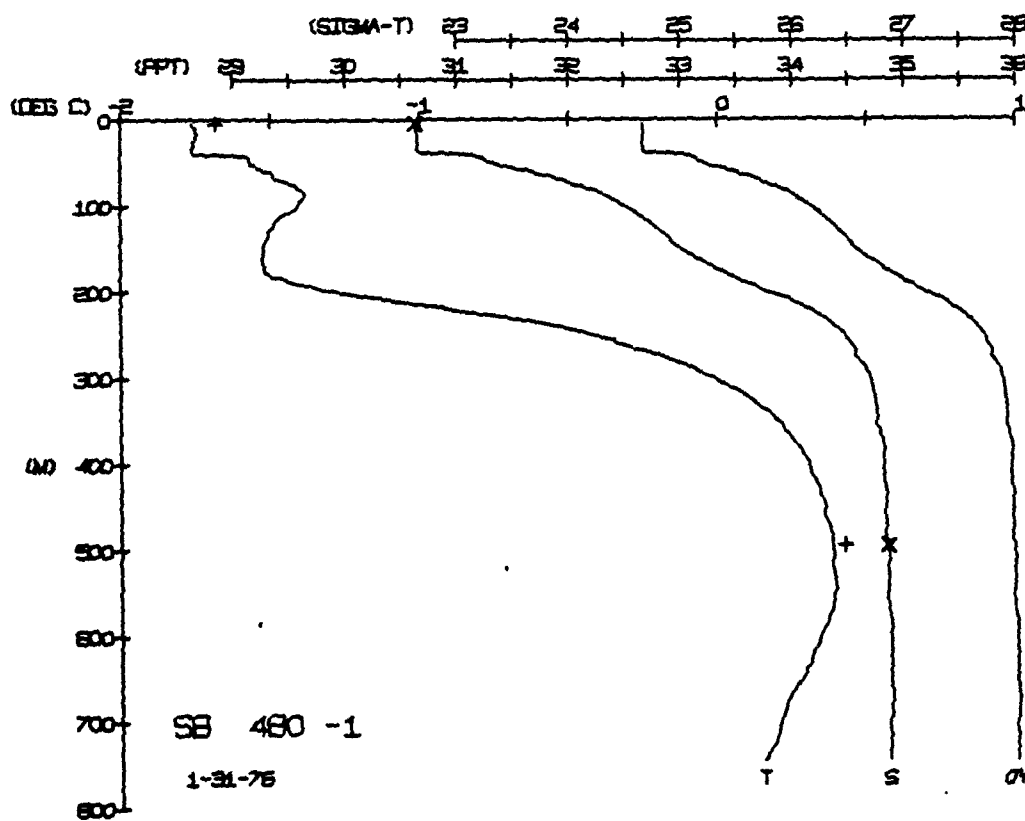
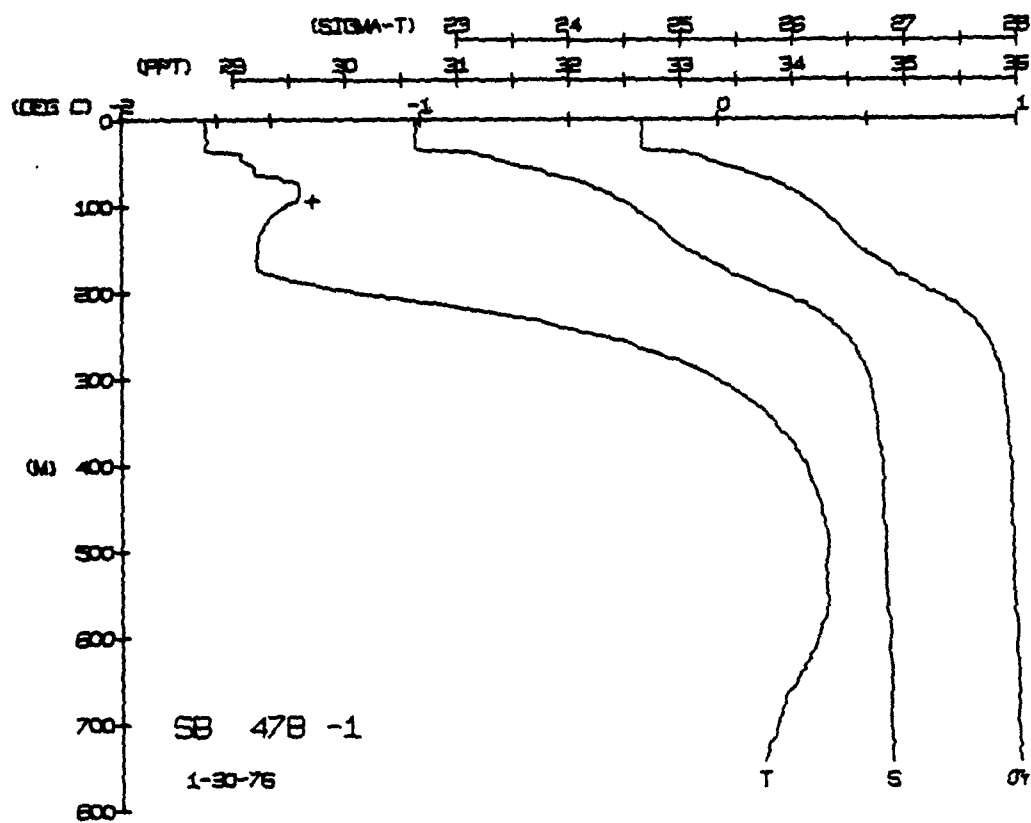
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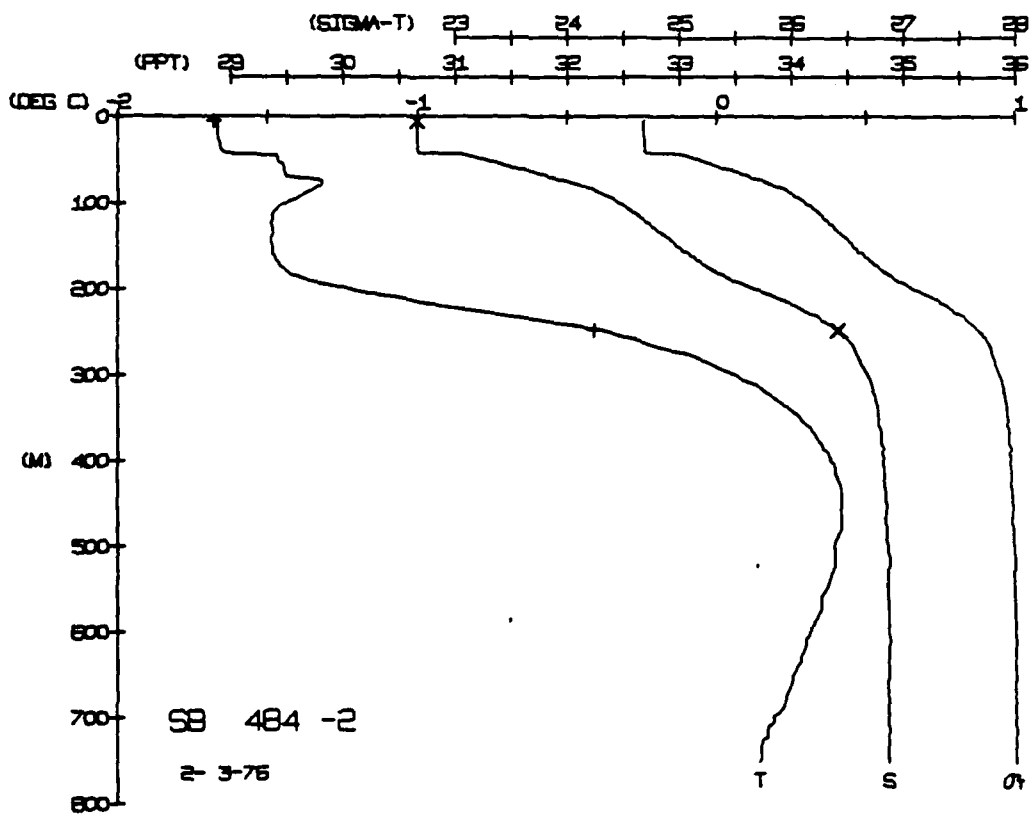
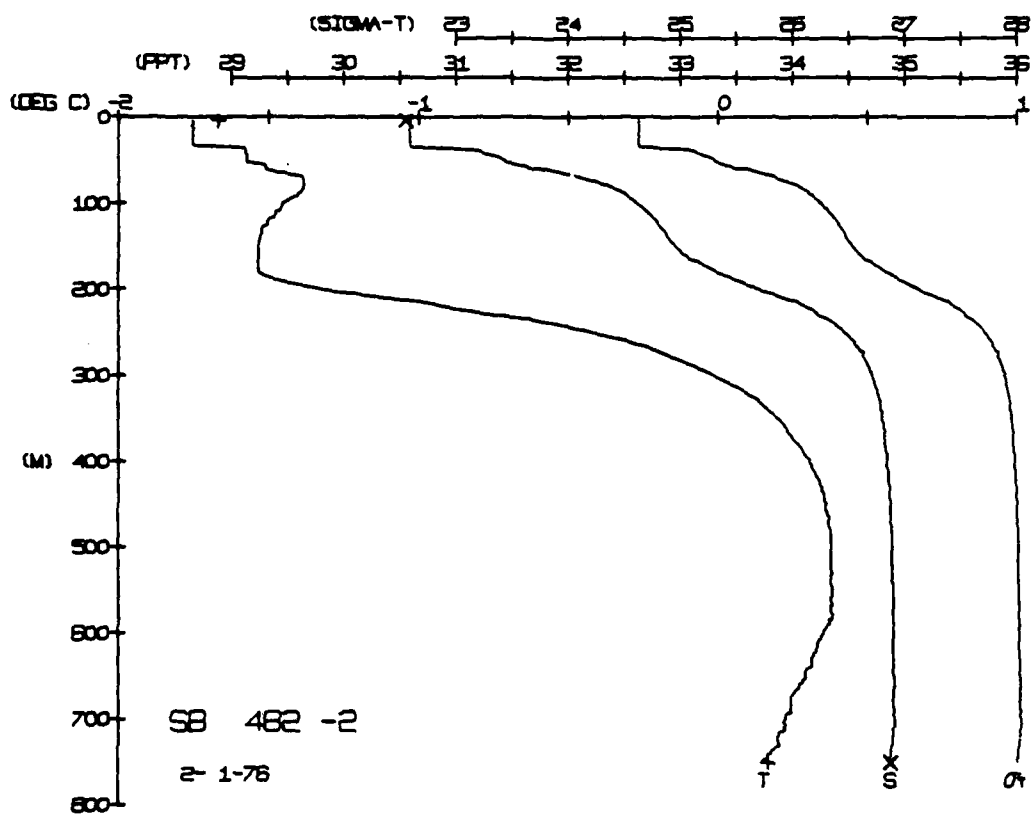












SNOWBIRD STATION 486(1) CTD 4/FEB/1976 1822 GMT CODE = 2
LAT = 73.9204N LNC = 145.4744W LTER = 1. LGR = 3.3
AIR TEMP = -35.8 BAROM = 1020.1 WIND = 180.8 SPEED = 24.4

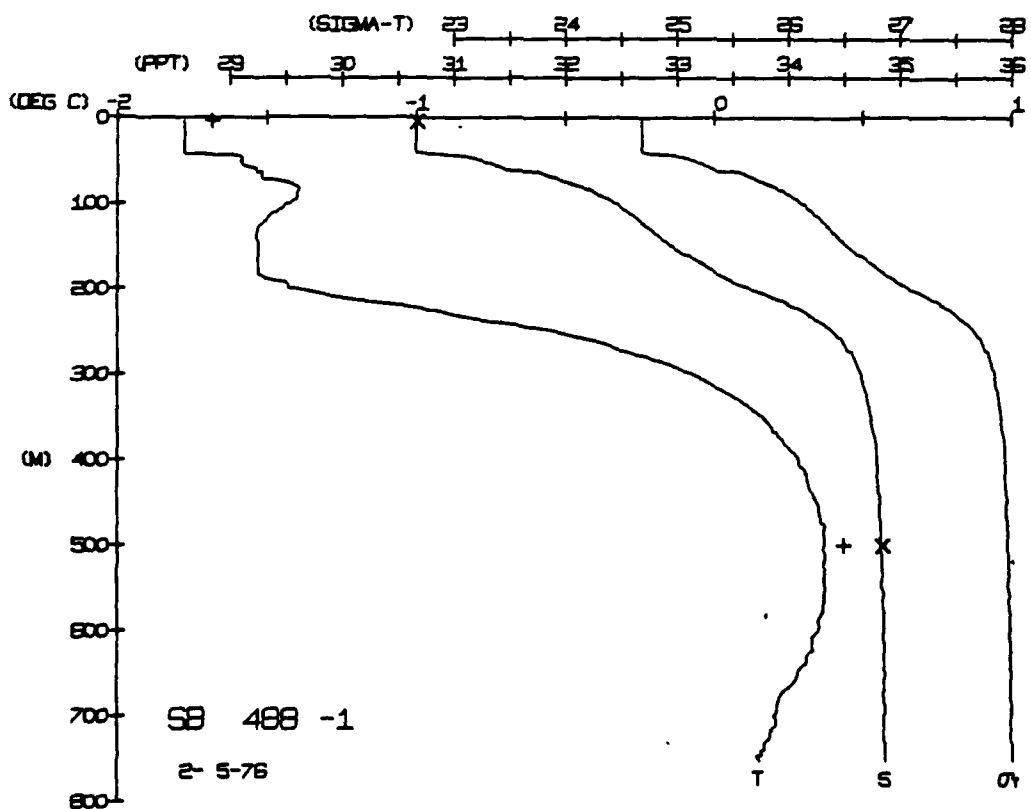
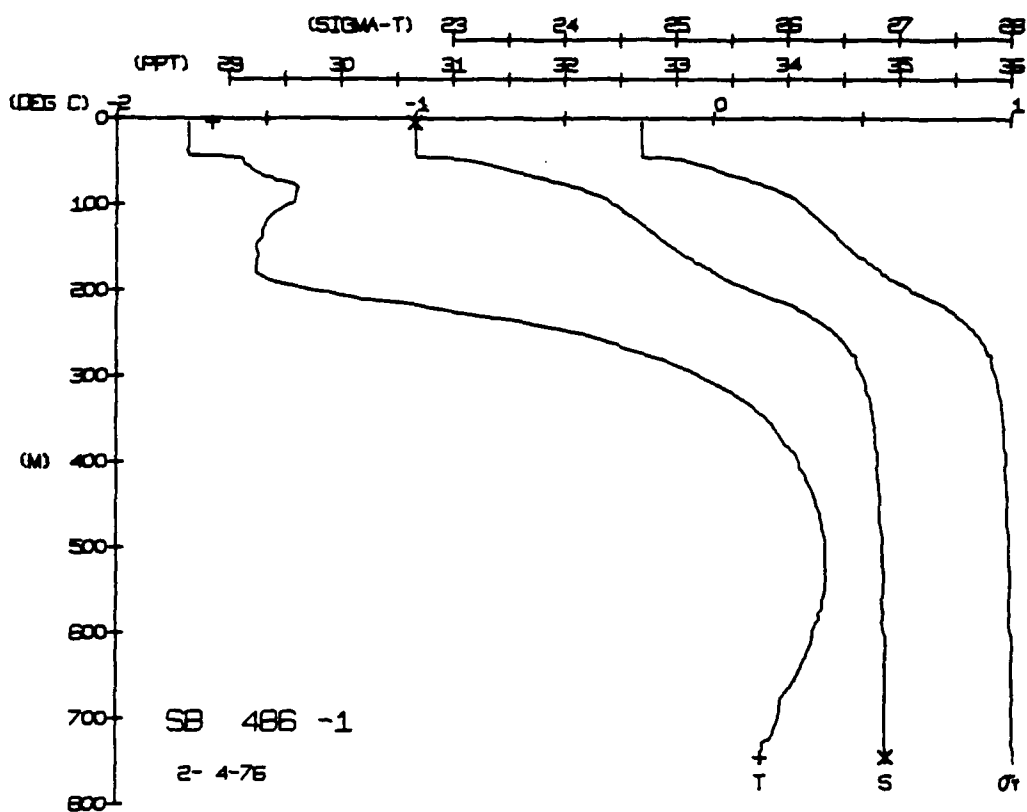
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.76	-1.76	30.67	24.69	326.4	0.000	1434.9
5.0	-1.76	-1.76	30.67	24.69	326.3	0.016	1435.0
10.0	-1.76	-1.76	30.67	24.69	326.2	0.033	1435.1
15.0	-1.76	-1.76	30.67	24.69	326.0	0.066	1435.2
20.0	-1.76	-1.76	30.67	24.69	326.0	0.082	1435.3
25.0	-1.76	-1.76	30.67	24.69	325.9	0.099	1435.4
30.0	-1.76	-1.76	30.67	24.69	325.5	0.115	1435.5
35.0	-1.76	-1.76	30.67	24.69	325.5	0.131	1435.6
40.0	-1.76	-1.76	30.67	24.69	324.9	0.148	1436.3
45.0	-1.57	-1.57	30.68	24.69	324.4	0.167	1437.1
50.0	-1.57	-1.57	31.14	24.69	324.4	0.177	1437.1
55.0	-1.57	-1.57	31.14	24.69	324.4	0.191	1438.0
60.0	-1.57	-1.57	31.14	24.69	324.4	0.216	1438.0
65.0	-1.57	-1.57	31.14	24.69	324.4	0.239	1439.4
70.0	-1.40	-1.40	31.07	24.69	324.0	0.261	1439.4
75.0	-1.40	-1.40	32.24	24.69	321.6	0.289	1440.6
80.0	-1.42	-1.42	32.43	24.69	321.6	0.299	1440.6
85.0	-1.42	-1.42	32.54	24.69	321.6	0.314	1440.6
90.0	-1.51	-1.51	32.65	24.69	321.6	0.334	1441.7
95.0	-1.51	-1.51	32.75	24.69	321.6	0.356	1441.7
100.0	-1.51	-1.51	32.85	24.69	321.6	0.381	1442.0
105.0	-1.53	-1.53	33.06	24.69	321.6	0.397	1442.0
110.0	-1.53	-1.53	33.29	24.69	321.6	0.407	1442.4
115.0	-1.53	-1.53	33.48	24.69	321.6	0.419	1443.3
120.0	-1.53	-1.53	33.65	24.69	321.6	0.436	1444.5
125.0	-1.36	-1.36	33.85	24.69	321.6	0.452	1445.5
130.0	-1.29	-1.29	34.05	24.69	321.6	0.462	1446.4
135.0	-1.29	-1.29	34.22	24.69	321.6	0.472	1447.2
140.0	-1.29	-1.29	34.42	24.69	321.6	0.482	1448.0
145.0	-1.29	-1.29	34.61	24.69	321.6	0.492	1449.4
150.0	-1.29	-1.29	34.81	24.69	321.6	0.502	1450.4
155.0	-1.29	-1.29	35.01	24.69	321.6	0.511	1451.7
160.0	-1.29	-1.29	35.21	24.69	321.6	0.522	1452.9
165.0	-1.29	-1.29	35.41	24.69	321.6	0.533	1453.3
170.0	-1.29	-1.29	35.61	24.69	321.6	0.543	1454.8
175.0	-1.29	-1.29	35.81	24.69	321.6	0.554	1455.5
180.0	-1.29	-1.29	36.01	24.69	321.6	0.564	1456.0
185.0	-1.29	-1.29	36.21	24.69	321.6	0.574	1456.6
190.0	-1.29	-1.29	36.41	24.69	321.6	0.584	1457.1
195.0	-1.29	-1.29	36.61	24.69	321.6	0.594	1457.7
200.0	-1.29	-1.29	36.81	24.69	321.6	0.604	1458.0
205.0	-1.29	-1.29	37.01	24.69	321.6	0.614	1458.4
210.0	-1.29	-1.29	37.21	24.69	321.6	0.624	1458.8
215.0	-1.29	-1.29	37.41	24.69	321.6	0.634	1459.1
220.0	-1.29	-1.29	37.61	24.69	321.6	0.644	1459.5
225.0	-1.29	-1.29	37.81	24.69	321.6	0.654	1459.9
230.0	-1.29	-1.29	38.01	24.69	321.6	0.664	1460.1
235.0	-1.29	-1.29	38.21	24.69	321.6	0.674	1460.6
240.0	-1.29	-1.29	38.41	24.69	321.6	0.684	1460.9
245.0	-1.29	-1.29	38.61	24.69	321.6	0.694	1461.2
250.0	-1.29	-1.29	38.81	24.69	321.6	0.704	1461.5
255.0	-1.29	-1.29	39.01	24.69	321.6	0.714	1461.8
260.0	-1.29	-1.29	39.21	24.69	321.6	0.724	1462.2

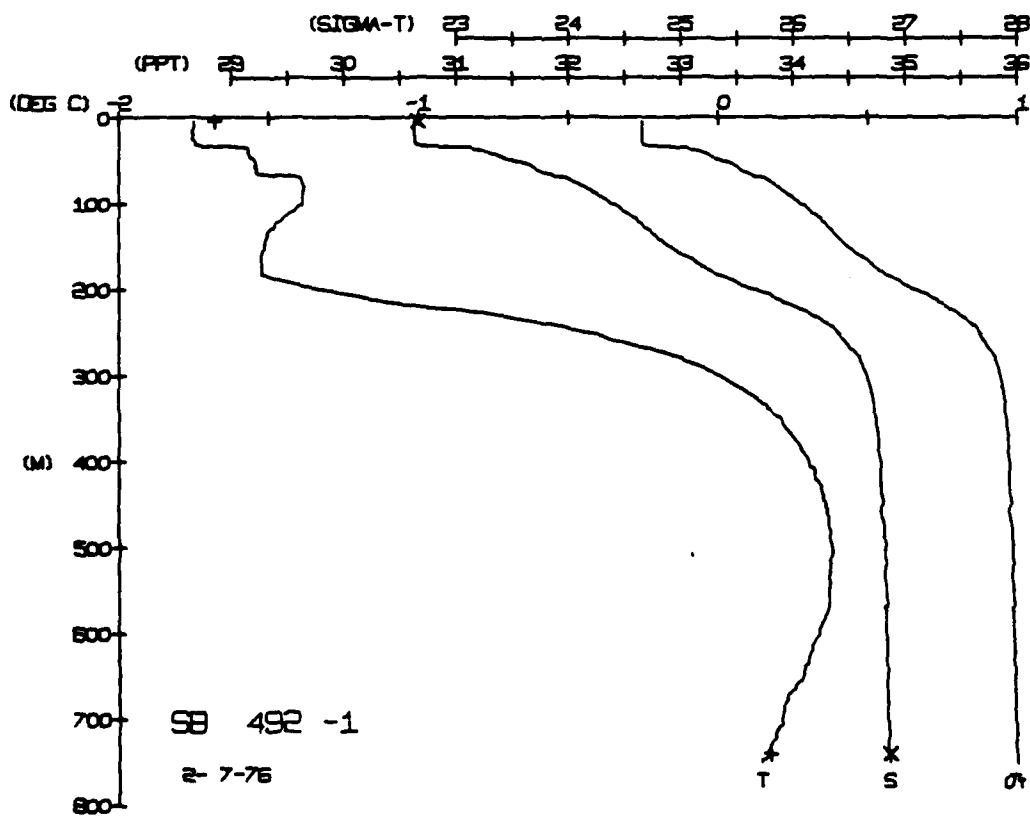
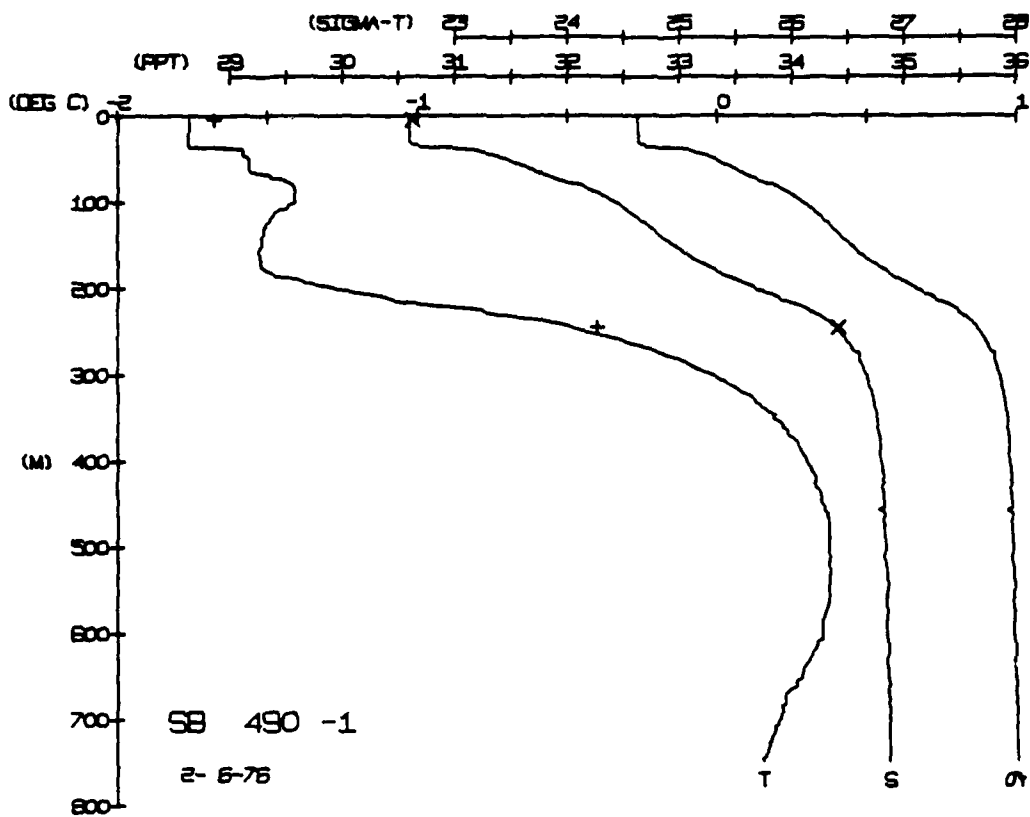
HOT NUM = 1
BOT NUM = 2
DEPTH 4.9
SALIN 30.66
TEMP -1.68
SPVOL 34.84

SNOWBIRD STATION 486(1) CTD 5/FEB/1976 1816 GMT CODE = 2
LAT = 73.9035N LNC = 145.4714W LTER = 1. LGR = 2.7
AIR TEMP = -25.7 BAROM = 1012.3 WIND = 27.9 SPEED = 65.1

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.78	-1.78	30.66	24.68	326.9	0.000	1434.8
5.0	-1.78	-1.78	30.66	24.68	326.9	0.016	1434.9
10.0	-1.78	-1.78	30.66	24.68	326.9	0.033	1435.0
15.0	-1.78	-1.78	30.66	24.68	326.6	0.049	1435.1
20.0	-1.78	-1.78	30.66	24.68	326.6	0.066	1435.2
25.0	-1.78	-1.78	30.66	24.68	326.6	0.082	1435.3
30.0	-1.78	-1.78	30.66	24.68	326.5	0.099	1435.4
35.0	-1.78	-1.78	30.66	24.68	326.5	0.115	1435.5
40.0	-1.60	-1.60	30.67	24.69	326.5	0.132	1435.5
45.0	-1.54	-1.54	31.14	24.69	326.5	0.147	1437.3
50.0	-1.54	-1.54	31.14	24.69	326.5	0.162	1437.3
55.0	-1.54	-1.54	31.14	24.69	326.5	0.176	1437.3
60.0	-1.54	-1.54	31.14	24.69	326.5	0.190	1438.0
65.0	-1.54	-1.54	31.14	24.69	326.5	0.202	1438.0
70.0	-1.54	-1.54	31.14	24.69	326.5	0.214	1438.0
75.0	-1.40	-1.40	32.24	24.69	326.5	0.237	1438.0
80.0	-1.40	-1.40	32.44	24.69	326.5	0.258	1440.4
85.0	-1.42	-1.42	32.56	24.69	326.5	0.278	1440.6
90.0	-1.42	-1.42	32.66	24.69	326.5	0.296	1440.6
95.0	-1.51	-1.51	32.75	24.69	326.5	0.314	1440.9
100.0	-1.51	-1.51	32.85	24.69	326.5	0.331	1441.4
105.0	-1.51	-1.51	32.95	24.69	326.5	0.348	1441.7
110.0	-1.51	-1.51	33.06	24.69	326.5	0.368	1442.0
115.0	-1.53	-1.53	33.29	24.69	326.5	0.378	1442.4
120.0	-1.53	-1.53	33.48	24.69	326.5	0.392	1442.7
125.0	-1.53	-1.53	33.65	24.69	326.5	0.406	1443.3
130.0	-1.42	-1.42	33.85	24.69	326.5	0.416	1444.5
135.0	-1.42	-1.42	34.05	24.69	326.5	0.433	1445.5
140.0	-1.05	-1.05	34.22	24.69	326.5	0.443	1446.4
145.0	-0.74	-0.74	34.42	24.69	326.5	0.450	1447.2
150.0	-0.54	-0.54	34.61	24.69	326.5	0.455	1448.0
155.0	-0.33	-0.33	34.81	24.69	326.5	0.464	1450.4
160.0	-0.16	-0.16	35.01	24.69	326.5	0.467	1451.7
165.0	-0.03	-0.03	35.21	24.69	326.5	0.470	1452.9
170.0	0.00	0.00	35.41	24.69	326.5	0.473	1453.3
175.0	0.00	0.00	35.61	24.69	326.5	0.479	1453.8
180.0	0.00	0.00	35.81	24.69	326.5	0.481	1454.4
185.0	0.00	0.00	36.01	24.69	326.5	0.483	1454.8
190.0	0.00	0.00	36.21	24.69	326.5	0.485	1455.0
195.0	0.00	0.00	36.41	24.69	326.5	0.487	1455.4
200.0	0.00	0.00	36.61	24.69	326.5	0.491	1455.9
205.0	0.00	0.00	36.81	24.69	326.5	0.495	1456.0
210.0	0.00	0.00	37.01	24.69	326.5	0.498	1456.6
215.0	0.00	0.00	37.21	24.69	326.5	0.502	1457.1
220.0	0.00	0.00	37.41	24.69	326.5	0.505	1457.7
225.0	0.00	0.00	37.61	24.69	326.5	0.508	1458.0
230.0	0.00	0.00	37.81	24.69	326.5	0.511	1458.4
235.0	0.00	0.00	38.01	24.69	326.5	0.514	1458.8
240.0	0.00	0.00	38.21	24.69	326.5	0.516	1459.1
245.0	0.00	0.00	38.41	24.69	326.5	0.519	1459.5
250.0	0.00	0.00	38.61	24.69	326.5	0.522	1459.9
255.0	0.00	0.00	38.81	24.69	326.5	0.524	1460.1
260.0	0.00	0.00	39.01	24.69	326.5	0.527	1460.6
265.0	0.00	0.00	39.21	24.69	326.5	0.529	1460.9
270.0	0.00	0.00	39.41	24.69	326.5	0.532	1461.2
275.0	0.00	0.00	39.61	24.69	326.5	0.534	1461.5
280.0	0.00	0.00	39.81	24.69	326.5	0.536	1461.8
285.0	0.00	0.00	39.99	24.69	326.5	0.538	1462.2

HOT NUM = 1
BOT NUM = 2
DEPTH 4.2
SALIN 30.67
TEMP -1.69
SPVOL 34.85





SNOWBIRD STATION 494(1) CTD 9/FEB/1976 1825 GMT CODE = 2
 LAT = 73.7163N LNC = 144.0006W LTER = 23.3
 AIR TEMP = -30.3 WIND = 273.2 SPEED = 67.3

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	76	-1.76	30.63	22.66	329.2	0.000	1434.0
5	76	-1.76	30.63	22.66	329.2	0.017	1435.0
10	76	-1.76	30.63	22.66	329.2	0.033	1435.5
15	76	-1.76	30.63	22.66	329.2	0.050	1435.5
20	76	-1.76	30.63	22.66	329.2	0.066	1435.5
25	76	-1.76	30.63	22.66	329.2	0.083	1435.5
30	76	-1.76	30.63	22.66	329.2	0.100	1435.5
35	76	-1.76	30.63	22.66	329.2	0.117	1435.5
40	76	-1.76	30.63	22.66	329.2	0.133	1435.5
45	76	-1.76	30.63	22.66	329.2	0.150	1435.5
50	76	-1.76	30.63	22.66	329.2	0.167	1435.5
55	76	-1.76	30.63	22.66	329.2	0.183	1435.5
60	76	-1.76	30.63	22.66	329.2	0.200	1435.5
65	76	-1.76	30.63	22.66	329.2	0.217	1435.5
70	76	-1.76	30.63	22.66	329.2	0.233	1435.5
75	76	-1.76	30.63	22.66	329.2	0.250	1435.5
80	76	-1.76	30.63	22.66	329.2	0.267	1435.5
85	76	-1.76	30.63	22.66	329.2	0.283	1435.5
90	76	-1.76	30.63	22.66	329.2	0.300	1435.5
95	76	-1.76	30.63	22.66	329.2	0.317	1435.5
100	76	-1.76	30.63	22.66	329.2	0.333	1435.5
105	76	-1.76	30.63	22.66	329.2	0.350	1435.5
110	76	-1.76	30.63	22.66	329.2	0.367	1435.5
115	76	-1.76	30.63	22.66	329.2	0.383	1435.5
120	76	-1.76	30.63	22.66	329.2	0.400	1435.5
125	76	-1.76	30.63	22.66	329.2	0.417	1435.5
130	76	-1.76	30.63	22.66	329.2	0.433	1435.5
135	76	-1.76	30.63	22.66	329.2	0.450	1435.5
140	76	-1.76	30.63	22.66	329.2	0.467	1435.5
145	76	-1.76	30.63	22.66	329.2	0.483	1435.5
150	76	-1.76	30.63	22.66	329.2	0.500	1435.5
155	76	-1.76	30.63	22.66	329.2	0.517	1435.5
160	76	-1.76	30.63	22.66	329.2	0.533	1435.5
165	76	-1.76	30.63	22.66	329.2	0.550	1435.5
170	76	-1.76	30.63	22.66	329.2	0.567	1435.5
175	76	-1.76	30.63	22.66	329.2	0.583	1435.5
180	76	-1.76	30.63	22.66	329.2	0.600	1435.5
185	76	-1.76	30.63	22.66	329.2	0.617	1435.5
190	76	-1.76	30.63	22.66	329.2	0.633	1435.5
195	76	-1.76	30.63	22.66	329.2	0.650	1435.5
200	76	-1.76	30.63	22.66	329.2	0.667	1435.5
205	76	-1.76	30.63	22.66	329.2	0.683	1435.5
210	76	-1.76	30.63	22.66	329.2	0.700	1435.5
215	76	-1.76	30.63	22.66	329.2	0.717	1435.5
220	76	-1.76	30.63	22.66	329.2	0.733	1435.5
225	76	-1.76	30.63	22.66	329.2	0.750	1435.5
230	76	-1.76	30.63	22.66	329.2	0.767	1435.5
235	76	-1.76	30.63	22.66	329.2	0.783	1435.5
240	76	-1.76	30.63	22.66	329.2	0.800	1435.5
245	76	-1.76	30.63	22.66	329.2	0.817	1435.5
250	76	-1.76	30.63	22.66	329.2	0.833	1435.5
255	76	-1.76	30.63	22.66	329.2	0.850	1435.5
260	76	-1.76	30.63	22.66	329.2	0.867	1435.5
265	76	-1.76	30.63	22.66	329.2	0.883	1435.5
270	76	-1.76	30.63	22.66	329.2	0.900	1435.5
275	76	-1.76	30.63	22.66	329.2	0.917	1435.5
280	76	-1.76	30.63	22.66	329.2	0.933	1435.5
285	76	-1.76	30.63	22.66	329.2	0.950	1435.5
290	76	-1.76	30.63	22.66	329.2	0.967	1435.5
295	76	-1.76	30.63	22.66	329.2	0.983	1435.5
300	76	-1.76	30.63	22.66	329.2	1.000	1435.5

NOT NUM = 1
 NOT NUM = 2

DEPTH 1.0
 416.8

TEMP -1.68
 0.44

SALIN 30.64
 34.85

SNOWBIRD STATION 496(1) CTD 10/FEB/1976 1817 GMT CODE = 2
 LAT = 73.7150N LNC = 144.7938W LTER = 1
 AIR TEMP = -33.1 WIND = 999.1 SPEED = 49.9

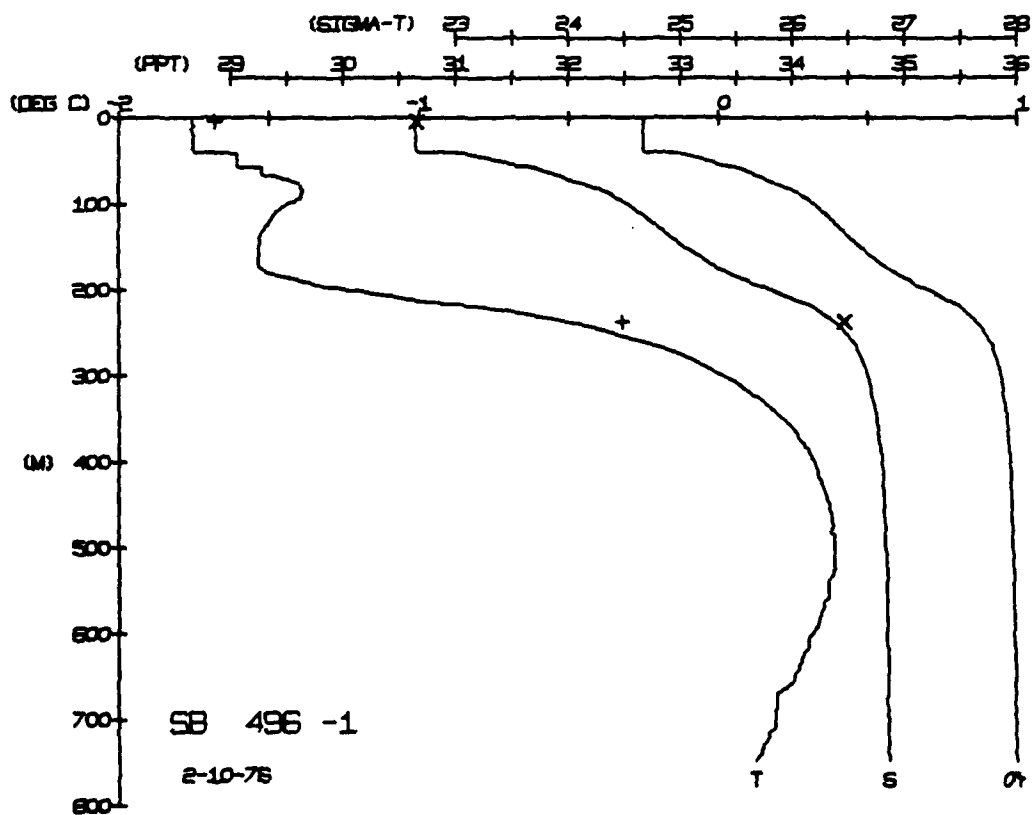
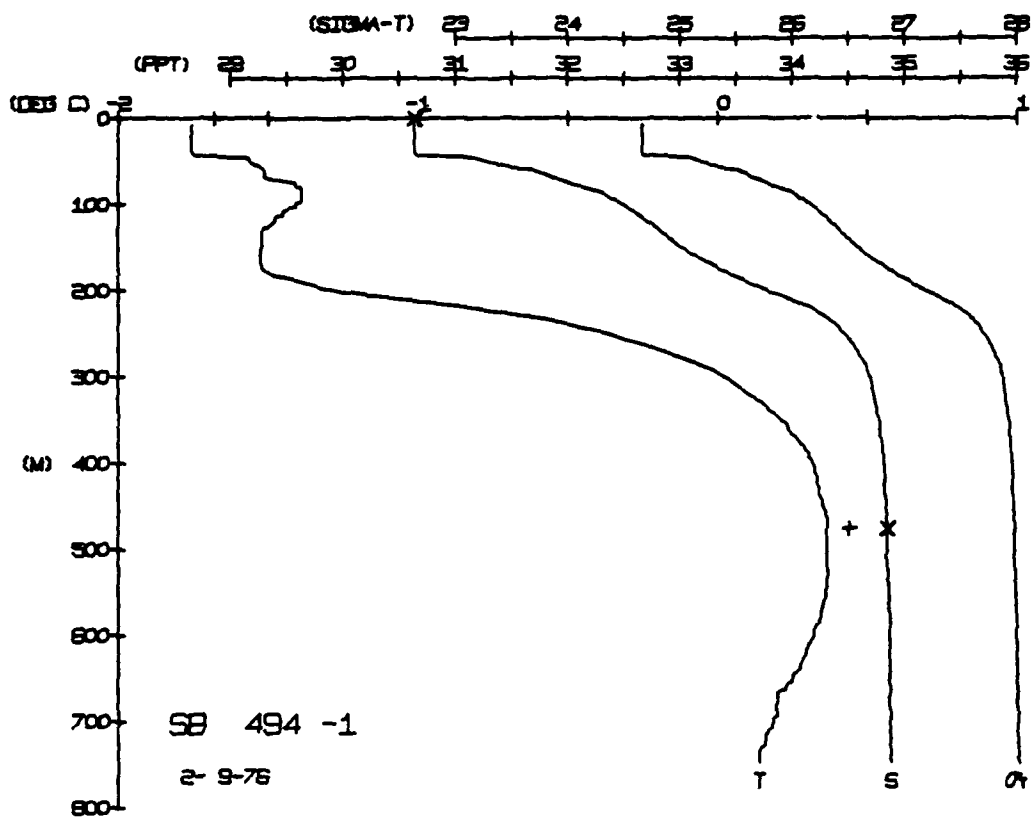
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	76	-1.76	30.64	22.66	328.6	0.000	1434.0
5	76	-1.76	30.64	22.66	328.6	0.017	1435.0
10	76	-1.76	30.64	22.66	328.6	0.033	1435.5
15	76	-1.76	30.64	22.66	328.6	0.050	1435.5
20	76	-1.76	30.64	22.66	328.6	0.066	1435.5
25	76	-1.76	30.64	22.66	328.6	0.083	1435.5
30	76	-1.76	30.64	22.66	328.6	0.100	1435.5
35	76	-1.76	30.64	22.66	328.6	0.116	1435.5
40	76	-1.76	30.64	22.66	328.6	0.132	1435.5
45	76	-1.76	30.64	22.66	328.6	0.148	1435.5
50	76	-1.76	30.64	22.66	328.6	0.164	1435.5
55	76	-1.76	30.64	22.66	328.6	0.180	1435.5
60	76	-1.76	30.64	22.66	328.6	0.196	1435.5
65	76	-1.76	30.64	22.66	328.6	0.212	1435.5
70	76	-1.76	30.64	22.66	328.6	0.228	1435.5
75	76	-1.76	30.64	22.66	328.6	0.244	1435.5
80	76	-1.76	30.64	22.66	328.6	0.260	1435.5
85	76	-1.76	30.64	22.66	328.6	0.276	1435.5
90	76	-1.76	30.64	22.66	328.6	0.292	1435.5
95	76	-1.76	30.64	22.66	328.6	0.308	1435.5
100	76	-1.76	30.64	22.66	328.6	0.324	1435.5
105	76	-1.76	30.64	22.66	328.6	0.340	1435.5
110	76	-1.76	30.64	22.66	328.6	0.356	1435.5
115	76	-1.76	30.64	22.66	328.6	0.372	1435.5
120	76	-1.76	30.64	22.66	328.6	0.388	1435.5
125	76	-1.76	30.64	22.66	328.6	0.404	1435.5
130	76	-1.76	30.64	22.66	328.6	0.420	1435.5
135	76	-1.76	30.64	22.66	328.6	0.436	1435.5
140	76	-1.76	30.64	22.66	328.6	0.452	1435.5
145	76	-1.76	30.64	22.66	328.6	0.468	1435.5
150	76	-1.76	30.64	22.66	328.6	0.484	1435.5
155	76	-1.76	30.64	22.66	328.6	0.500	1435.5
160	76	-1.76	30.64	22.66	328.6	0.516	1435.5
165	76	-1.76	30.64	22.66	328.6	0.532	1435.5
170	76	-1.76	30.64	22.66	328.6	0.548	1435.5
175	76	-1.76	30.64	22.66	328.6	0.564	1435.5
180	76	-1.76	30.64	22.66	328.6	0.580	1435.5
185	76	-1.76	30.64	22.66	328.6	0.596	1435.5
190	76	-1.76	30.64	22.66	328.6	0.612	1435.5
195	76	-1.76	30.64	22.66	328.6	0.628	1435.5
200	76	-1.76	30.64	22.66	328.6	0.644	1435.5
205	76	-1.76	30.64	22.66	328.6	0.660	1435.5
210	76	-1.76	30.64	22.66	328.6	0.676	1435.5
215	76	-1.76	30.64	22.66	328.6	0.692	1435.5
220	76	-1.76	30.64	22.66	328.6	0.708	1435.5
225	76	-1.76	30.64	22.66	328.6	0.724	1435.5
230	76	-1.76	30.64	22.66	328.6	0.740	1435.5
235	76	-1.76	30.64	22.66	328.6	0.756	1435.5
240	76	-1.76	30.64	22.66	328.6	0.772	1435.5
245	76	-1.76	30.64	22.66	328.6	0.788	1435.5
250	76	-1.76	30.64	22.66	328.6	0.804	1435.5
255	76	-1.76	30.64	22.66	328.6	0.820	1435.5
260	76	-1.76	30.64	22.66	328.6	0.836	1435.5
265	76	-1.76	30.64	22.66	328.6	0.852	1435.5
270	76	-1.76	30.64	22.66	328.6	0.868	1435.5
275	76	-1.76	30.64	22.66	328.6	0.884	1435.5
280	76	-1.76	30.64	22.66	328.6	0.900	1435.5
285	76	-1.76	30.64	22.66	328.6	0.916	1435.5
290	76	-1.76	30.64	22.66	328.6	0.932	1435.5
295	76	-1.76	30.64	22.66	328.6	0.948	1435.5
300	76	-1.76	30.64	22.66	328.6	0.964	1435.5

NOT NUM = 1
 NOT NUM = 2

DEPTH 4.2
 237.4

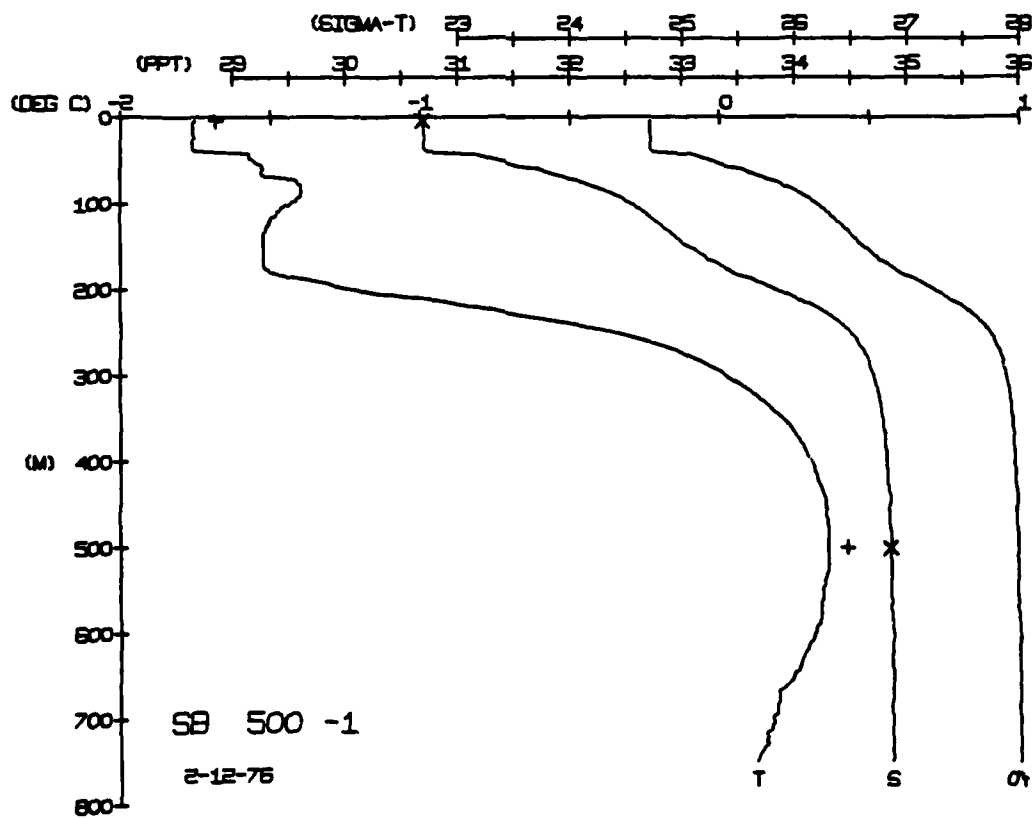
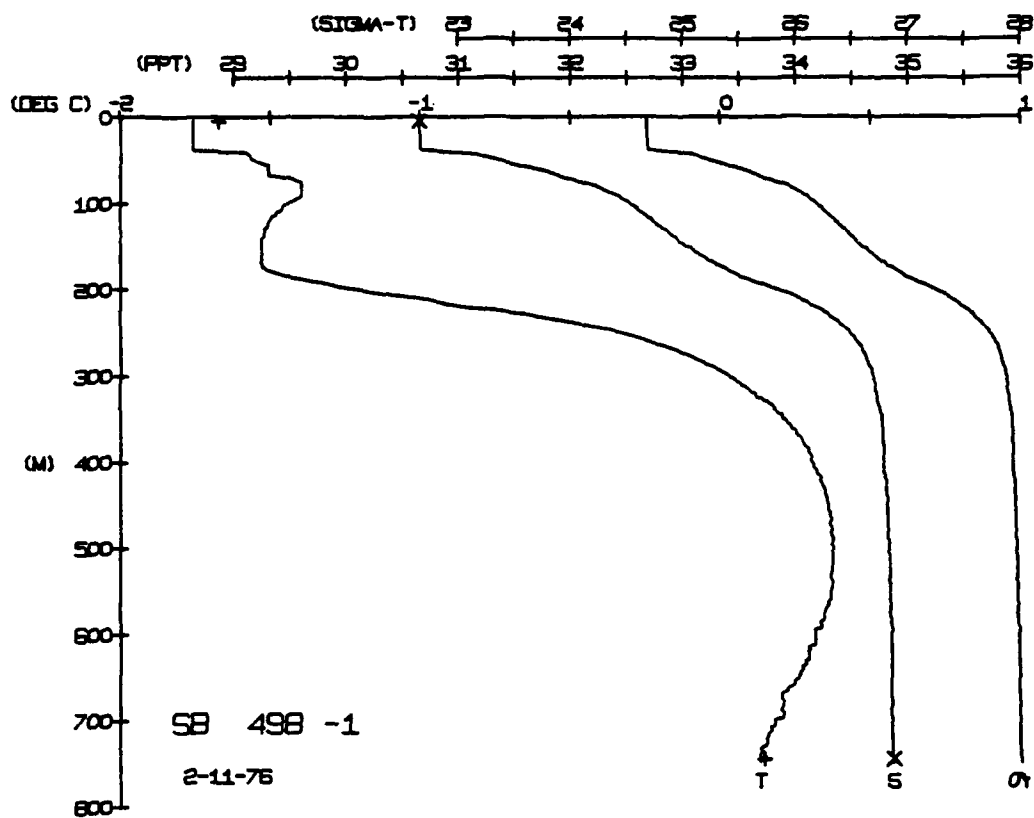
TEMP -1.68
 -0.32

SALIN 30.65
 34.47



SNOWBIRD STATION 500(1) CTD 12/FEB/1976 1830 GMT CODE = 2
LAT = 73.6953N LNG = 144.7296W ITR = 0. LGR = 0.
AIR TEMP = -24.1 HARUM = 1000.6 WIND = 274.5 SPEED = 56.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.00	14.35	14.35	30.00	24.44	324.6	0.000	1435.00	0.00	14.35	14.35	30.00	24.44	324.6	0.000	1435.00
0.05	14.35	14.35	30.00	24.44	324.6	0.016	1435.00	0.05	14.35	14.35	30.00	24.44	324.6	0.016	1435.00
0.10	14.35	14.35	30.00	24.44	324.6	0.033	1435.00	0.10	14.35	14.35	30.00	24.44	324.6	0.033	1435.00
0.15	14.35	14.35	30.00	24.44	324.6	0.062	1435.00	0.15	14.35	14.35	30.00	24.44	324.6	0.062	1435.00
0.20	14.35	14.35	30.00	24.44	324.6	0.098	1435.00	0.20	14.35	14.35	30.00	24.44	324.6	0.098	1435.00
0.25	14.35	14.35	30.00	24.44	324.6	0.114	1435.00	0.25	14.35	14.35	30.00	24.44	324.6	0.114	1435.00
0.30	14.35	14.35	30.00	24.44	324.6	0.130	1435.00	0.30	14.35	14.35	30.00	24.44	324.6	0.130	1435.00
0.35	14.35	14.35	30.00	24.44	324.6	0.160	1435.00	0.35	14.35	14.35	30.00	24.44	324.6	0.160	1435.00
0.40	14.35	14.35	30.00	24.44	324.6	0.176	1435.00	0.40	14.35	14.35	30.00	24.44	324.6	0.176	1435.00
0.45	14.35	14.35	30.00	24.44	324.6	0.186	1435.00	0.45	14.35	14.35	30.00	24.44	324.6	0.186	1435.00
0.50	14.35	14.35	30.00	24.44	324.6	0.198	1435.00	0.50	14.35	14.35	30.00	24.44	324.6	0.198	1435.00
0.55	14.35	14.35	30.00	24.44	324.6	0.210	1435.00	0.55	14.35	14.35	30.00	24.44	324.6	0.210	1435.00
0.60	14.35	14.35	30.00	24.44	324.6	0.222	1435.00	0.60	14.35	14.35	30.00	24.44	324.6	0.222	1435.00
0.65	14.35	14.35	30.00	24.44	324.6	0.232	1435.00	0.65	14.35	14.35	30.00	24.44	324.6	0.232	1435.00
0.70	14.35	14.35	30.00	24.44	324.6	0.242	1435.00	0.70	14.35	14.35	30.00	24.44	324.6	0.242	1435.00
0.75	14.35	14.35	30.00	24.44	324.6	0.252	1435.00	0.75	14.35	14.35	30.00	24.44	324.6	0.252	1435.00
0.80	14.35	14.35	30.00	24.44	324.6	0.262	1435.00	0.80	14.35	14.35	30.00	24.44	324.6	0.262	1435.00
0.85	14.35	14.35	30.00	24.44	324.6	0.272	1435.00	0.85	14.35	14.35	30.00	24.44	324.6	0.272	1435.00
0.90	14.35	14.35	30.00	24.44	324.6	0.286	1435.00	0.90	14.35	14.35	30.00	24.44	324.6	0.286	1435.00
0.95	14.35	14.35	30.00	24.44	324.6	0.306	1435.00	0.95	14.35	14.35	30.00	24.44	324.6	0.306	1435.00
1.00	14.35	14.35	30.00	24.44	324.6	0.322	1435.00	1.00	14.35	14.35	30.00	24.44	324.6	0.322	1435.00
1.05	14.35	14.35	30.00	24.44	324.6	0.336	1435.00	1.05	14.35	14.35	30.00	24.44	324.6	0.336	1435.00
1.10	14.35	14.35	30.00	24.44	324.6	0.356	1435.00	1.10	14.35	14.35	30.00	24.44	324.6	0.356	1435.00
1.15	14.35	14.35	30.00	24.44	324.6	0.379	1435.00	1.15	14.35	14.35	30.00	24.44	324.6	0.379	1435.00



SNOWBIRD STATION 502(1) CTD 13/FEB/1976 1906 GMT CHIRP = 2
LAT = 73.6933N LNG = 144.7225W LTER = 1 LGN = 2
AIR TEMP = -24.1 BAROM = 1006.5 WIND = 274.5 SPEED = 56.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	7.6	-1.76	30.69	24.70	9.5	0.000	1434.00
4	7.6	-1.76	30.69	24.70	324.5	0.016	1435.12
15	7.6	-1.76	30.69	24.71	324.5	0.033	1435.23
25	7.6	-1.76	30.69	24.71	324.5	0.049	1435.34
35	7.6	-1.76	30.69	24.71	324.5	0.065	1435.45
45	7.6	-1.76	30.69	24.72	324.5	0.082	1435.56
55	7.6	-1.76	30.69	24.72	324.5	0.098	1435.67
65	7.6	-1.76	30.69	24.72	324.5	0.114	1435.78
75	7.6	-1.76	30.69	24.72	324.5	0.130	1435.89
85	7.6	-1.76	30.69	24.72	324.5	0.146	1435.99
95	7.6	-1.76	30.69	24.72	324.5	0.162	1436.10
105	7.6	-1.76	30.69	24.72	324.5	0.178	1436.21
115	7.6	-1.76	30.69	24.72	324.5	0.194	1436.32
125	7.6	-1.76	30.69	24.72	324.5	0.210	1436.43
135	7.6	-1.76	30.69	24.72	324.5	0.226	1436.54
145	7.6	-1.76	30.69	24.72	324.5	0.242	1436.65
155	7.6	-1.76	30.69	24.72	324.5	0.258	1436.76
165	7.6	-1.76	30.69	24.72	324.5	0.274	1436.87
175	7.6	-1.76	30.69	24.72	324.5	0.290	1436.98
185	7.6	-1.76	30.69	24.72	324.5	0.306	1437.09
195	7.6	-1.76	30.69	24.72	324.5	0.322	1437.20
205	7.6	-1.76	30.69	24.72	324.5	0.338	1437.31
215	7.6	-1.76	30.69	24.72	324.5	0.354	1437.42
225	7.6	-1.76	30.69	24.72	324.5	0.370	1437.53
235	7.6	-1.76	30.69	24.72	324.5	0.386	1437.64
245	7.6	-1.76	30.69	24.72	324.5	0.402	1437.75
255	7.6	-1.76	30.69	24.72	324.5	0.418	1437.86
265	7.6	-1.76	30.69	24.72	324.5	0.434	1437.97
275	7.6	-1.76	30.69	24.72	324.5	0.450	1438.08
285	7.6	-1.76	30.69	24.72	324.5	0.466	1438.19
295	7.6	-1.76	30.69	24.72	324.5	0.482	1438.30
305	7.6	-1.76	30.69	24.72	324.5	0.498	1438.41
315	7.6	-1.76	30.69	24.72	324.5	0.514	1438.52
325	7.6	-1.76	30.69	24.72	324.5	0.530	1438.63
335	7.6	-1.76	30.69	24.72	324.5	0.546	1438.74
345	7.6	-1.76	30.69	24.72	324.5	0.562	1438.85
355	7.6	-1.76	30.69	24.72	324.5	0.578	1438.96
365	7.6	-1.76	30.69	24.72	324.5	0.594	1439.07
375	7.6	-1.76	30.69	24.72	324.5	0.610	1439.18
385	7.6	-1.76	30.69	24.72	324.5	0.626	1439.29
395	7.6	-1.76	30.69	24.72	324.5	0.642	1439.40
405	7.6	-1.76	30.69	24.72	324.5	0.658	1439.51
415	7.6	-1.76	30.69	24.72	324.5	0.674	1439.62
425	7.6	-1.76	30.69	24.72	324.5	0.690	1439.73
435	7.6	-1.76	30.69	24.72	324.5	0.706	1439.84
445	7.6	-1.76	30.69	24.72	324.5	0.722	1439.95
455	7.6	-1.76	30.69	24.72	324.5	0.738	1440.06
465	7.6	-1.76	30.69	24.72	324.5	0.754	1440.17
475	7.6	-1.76	30.69	24.72	324.5	0.770	1440.28
485	7.6	-1.76	30.69	24.72	324.5	0.786	1440.39
495	7.6	-1.76	30.69	24.72	324.5	0.802	1440.50
505	7.6	-1.76	30.69	24.72	324.5	0.818	1440.61
515	7.6	-1.76	30.69	24.72	324.5	0.834	1440.72
525	7.6	-1.76	30.69	24.72	324.5	0.850	1440.83
535	7.6	-1.76	30.69	24.72	324.5	0.866	1440.94
545	7.6	-1.76	30.69	24.72	324.5	0.882	1441.05
555	7.6	-1.76	30.69	24.72	324.5	0.898	1441.16
565	7.6	-1.76	30.69	24.72	324.5	0.914	1441.27
575	7.6	-1.76	30.69	24.72	324.5	0.930	1441.38
585	7.6	-1.76	30.69	24.72	324.5	0.946	1441.49
595	7.6	-1.76	30.69	24.72	324.5	0.962	1441.60
605	7.6	-1.76	30.69	24.72	324.5	0.978	1441.71
615	7.6	-1.76	30.69	24.72	324.5	0.994	1441.82
625	7.6	-1.76	30.69	24.72	324.5	1.010	1441.93
635	7.6	-1.76	30.69	24.72	324.5	1.026	1442.04
645	7.6	-1.76	30.69	24.72	324.5	1.042	1442.15
655	7.6	-1.76	30.69	24.72	324.5	1.058	1442.26
665	7.6	-1.76	30.69	24.72	324.5	1.074	1442.37
675	7.6	-1.76	30.69	24.72	324.5	1.090	1442.48
685	7.6	-1.76	30.69	24.72	324.5	1.106	1442.59
695	7.6	-1.76	30.69	24.72	324.5	1.122	1442.70
705	7.6	-1.76	30.69	24.72	324.5	1.138	1442.81
715	7.6	-1.76	30.69	24.72	324.5	1.154	1442.92
725	7.6	-1.76	30.69	24.72	324.5	1.170	1443.03
735	7.6	-1.76	30.69	24.72	324.5	1.186	1443.14
745	7.6	-1.76	30.69	24.72	324.5	1.202	1443.25
755	7.6	-1.76	30.69	24.72	324.5	1.218	1443.36
765	7.6	-1.76	30.69	24.72	324.5	1.234	1443.47
775	7.6	-1.76	30.69	24.72	324.5	1.250	1443.58
785	7.6	-1.76	30.69	24.72	324.5	1.266	1443.69
795	7.6	-1.76	30.69	24.72	324.5	1.282	1443.80
805	7.6	-1.76	30.69	24.72	324.5	1.298	1443.91
815	7.6	-1.76	30.69	24.72	324.5	1.314	1444.02
825	7.6	-1.76	30.69	24.72	324.5	1.330	1444.13
835	7.6	-1.76	30.69	24.72	324.5	1.346	1444.24
845	7.6	-1.76	30.69	24.72	324.5	1.362	1444.35
855	7.6	-1.76	30.69	24.72	324.5	1.378	1444.46
865	7.6	-1.76	30.69	24.72	324.5	1.394	1444.57
875	7.6	-1.76	30.69	24.72	324.5	1.410	1444.68
885	7.6	-1.76	30.69	24.72	324.5	1.426	1444.79
895	7.6	-1.76	30.69	24.72	324.5	1.442	1444.90
905	7.6	-1.76	30.69	24.72	324.5	1.458	1445.01
915	7.6	-1.76	30.69	24.72	324.5	1.474	1445.12
925	7.6	-1.76	30.69	24.72	324.5	1.490	1445.23
935	7.6	-1.76	30.69	24.72	324.5	1.506	1445.34
945	7.6	-1.76	30.69	24.72	324.5	1.522	1445.45
955	7.6	-1.76	30.69	24.72	324.5	1.538	1445.56
965	7.6	-1.76	30.69	24.72	324.5	1.554	1445.67
975	7.6	-1.76	30.69	24.72	324.5	1.570	1445.78
985	7.6	-1.76	30.69	24.72	324.5	1.586	1445.89
995	7.6	-1.76	30.69	24.72	324.5	1.602	1446.00

HOT NUM = 1
HOT NUM = 2

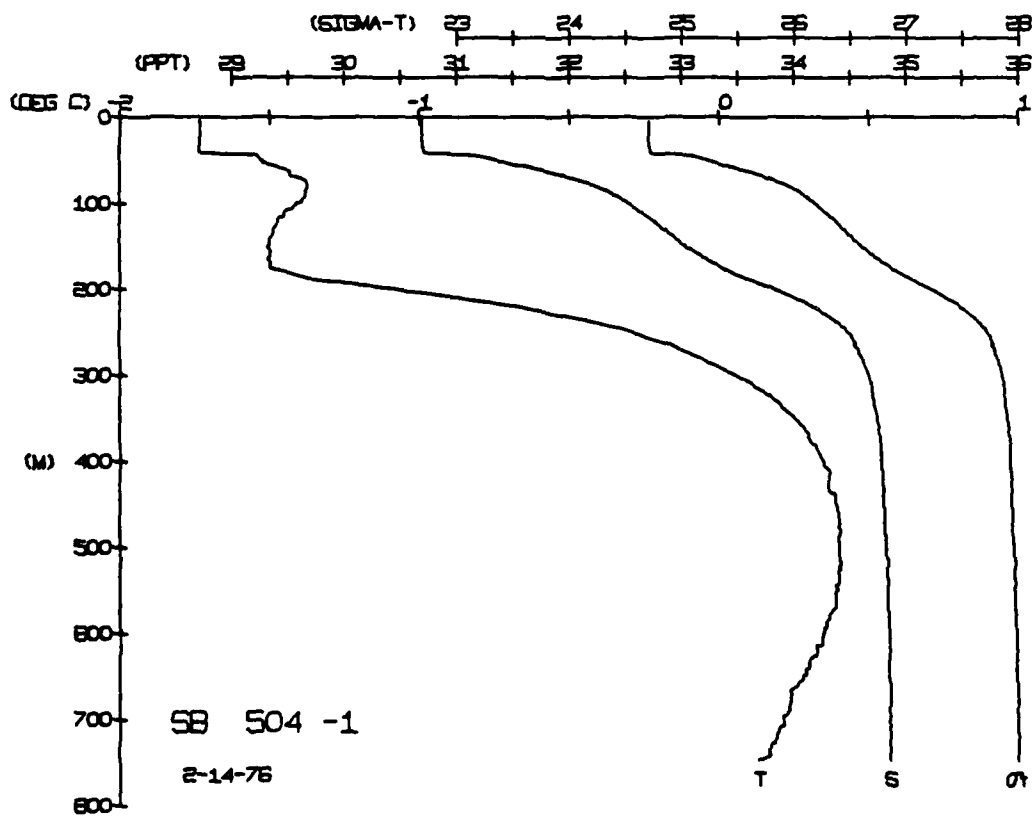
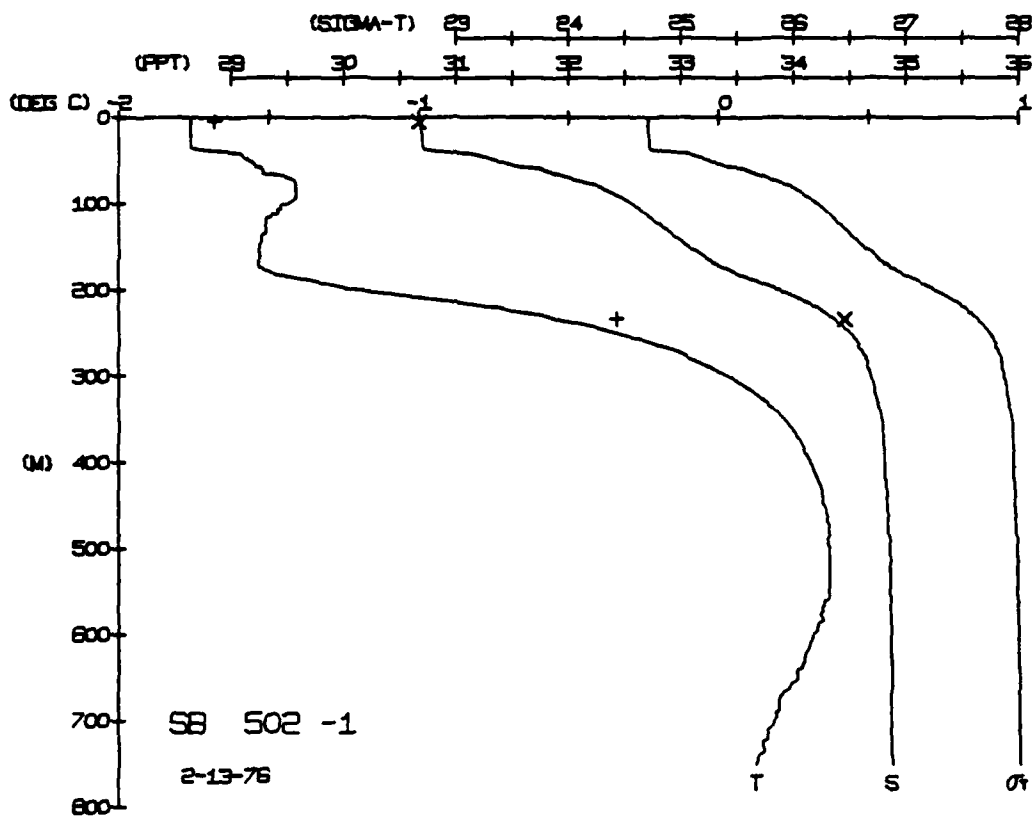
DEPTH 4.9
234.3

TEMP. -1.6H
-0.34

SALIN 30.67
34.45

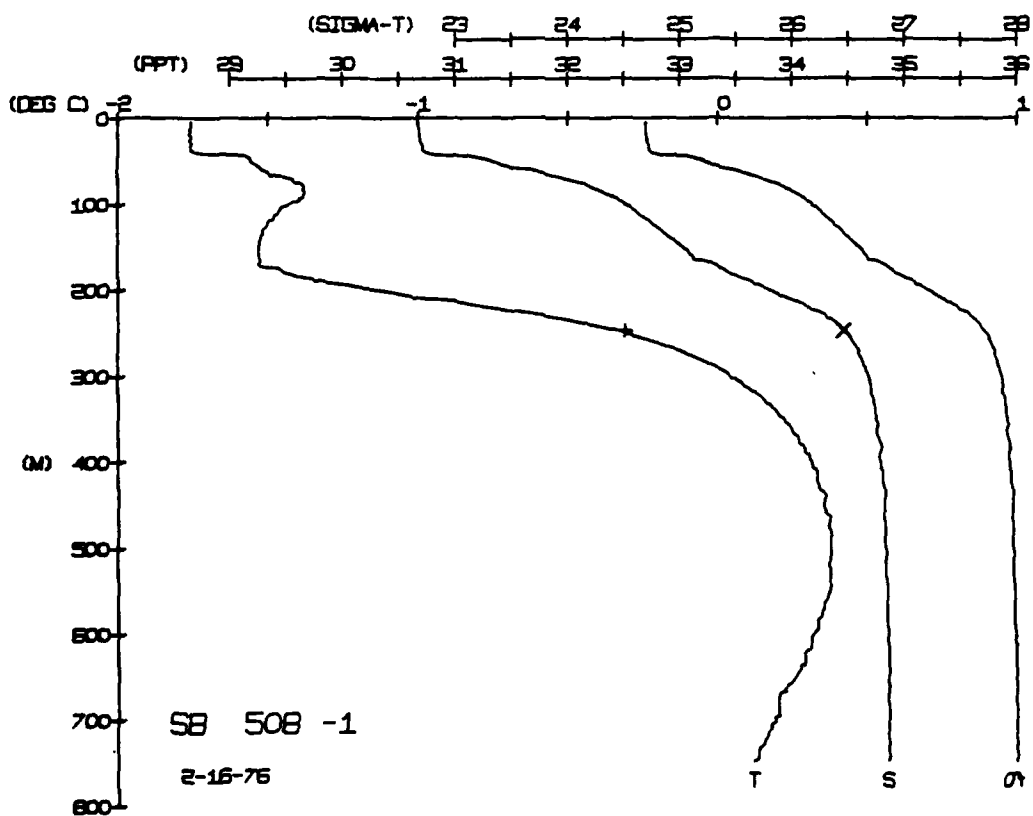
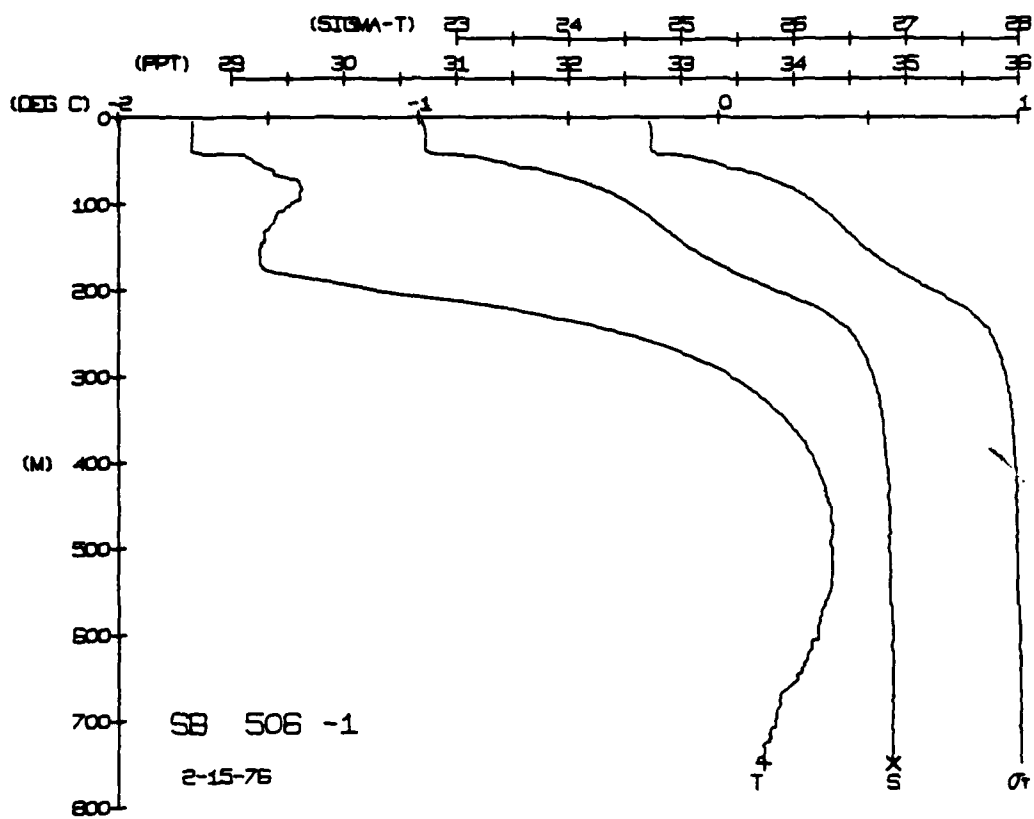
SNOWBIRD STATION 504(1) CTD 14/FEB/1976 2016 GMT CHIRP = 2
LAT = 73.6934N LNG = 144.7247W LTER = 1 LGN = 1
AIR TEMP = -38.1 BAROM = 1013.9 WIND = 270.6 SPEED = 25.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0	7.3	-1.73	30.69	24.70	9.5	0.000	1435.11
4	7.3	-1.73	30.69	24.70	324.5	0.016	1435.22
15	7.3	-1.73	30.69	24.70	324.5	0.033	1435.33
25	7.3	-1.73	30.69	24.70	324.5	0.049	1435.44
35	7.3	-1.73	30.69	24.71	324.5	0.065	1435.55
45	7.3	-1.73	30.69	24.71	324.5	0.082	1435.66
55	7.3	-1.73	30.69	24.71	324.5	0.098	1435.77
65	7.3	-1.73	30.69	24.71	324.5	0.114	1435.88
75	7.3	-1.73	30.69	24.71	324.5	0.130	1435.99
85	7.3	-1.73	30.69	24.71	324.5	0.146	1436.10
95	7.3	-1.73	30.69	24.71	324.5	0.162	1436.21
105	7.3	-1.73	30.69	24.71	324.5	0.178	1436.32
115	7.3	-1.73	30.69	24.71	324.5	0.194	1436.43
125	7.3	-1.73	30.69	24.71	324.5	0.210	1436.54
135	7.3	-1.73	30.69	24.71	324.5	0.226	1436.65
145	7.3	-1.73	30.69	24.71	324.5	0.242	1436.76
155	7.3	-1.73	30.69	24.71	324.5	0.258	1436.87
165	7.3	-1.73	30.69	24.71	324.5	0.274	1436.98
175	7.3	-1.73	30.69	24.71	324.5	0.290	1437.09
185	7.3	-1.73	30.69	24.71	324.5	0.306	1437.20
195	7.3	-1.73	30.69	24.71	324.5	0.322	1437.31
205	7.3	-1.73	30.69	24.71	324.5	0.338	1437.42
215	7.3	-1.73	30.69	24.71	324.5	0.354	1437.53
225	7.3	-1.73	30.69	24.71	324.5	0.370	1437.64
235	7.3	-1.73	30.69	24.71	324.5	0.386	1437.75
245	7.3	-1.73	30.69	24.71	324.5	0.402	1437.86
255	7.3	-1.73	30.69	24.71	324.5	0.418	1437.97
265	7.3	-1.73	30.69	24.71	324.5	0.434	1438.08
275	7.3	-1.73	30.69	24.71	324.5	0.450	1438.19
285	7.3	-1.73	30.69	24.71	324.5	0.466	1438.30
295	7.3	-1.73	30.69	24.71	324.5	0.482	1438.41
305	7.3	-1.73	30.69	24.71	324.5	0.498	1438.52
315	7.3	-1.73	30.69	24.71	324.5	0.514	1438.63
325	7.3	-1.73	30.69	24.71	324.5	0.530	1438.74
335	7.3	-1.73	30.69	24.71	324.5	0.546	1438.85
345	7.3	-1.73	30.69	24.71	324.5	0.562	1438.96
355	7.3	-1.73	30.69	24.71	324.5	0.578	1439.07
365	7.3	-1.73	30.69	24.71	324.5	0.594	1439.18
375	7.3	-1.73	30.69	24.71	324.5	0.610	1439.29
385	7.3	-1.73	30.69	24.71	324.5	0.626	1439.40
395	7.3	-1.73	30.69	24.71	324.5	0.642	1439.51
405	7.3	-1.73	30.69	24.71	324.5	0.658	1439.62
415							



SNOWBIRD STATION 506(1) CTD 15/FEB/1976 1808 GMT CODE = 2
LAT = 73.6932N LNG = 144.7251W LTER = 0. LGER = 0.
AIR TEMP = -38.1 BAROM = 1018.9 WIND = 270.0 SPEED = 25.6

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	-1.76	-1.76	30.69	1.71	324.5	0.000	1435.0
5	-1.76	-1.76	30.69	1.71	324.5	0.016	1435.1
10	-1.76	-1.76	30.69	1.71	324.5	0.033	1435.2
15	-1.76	-1.76	30.69	1.71	324.5	0.049	1435.3
20	-1.76	-1.76	30.69	1.71	324.5	0.065	1435.4
25	-1.76	-1.76	30.69	1.71	324.5	0.081	1435.5
30	-1.76	-1.76	30.69	1.71	324.5	0.098	1435.6
35	-1.76	-1.76	30.69	1.71	324.5	0.114	1435.7
40	-1.76	-1.76	30.69	1.71	324.5	0.130	1435.8
45	-1.76	-1.76	30.69	1.71	324.5	0.145	1435.9
50	-1.55	-1.55	31.17	2.50	275.0	0.159	1437.7
55	-1.53	-1.53	31.33	2.52	263.2	0.173	1438.1
60	-1.49	-1.49	31.71	2.55	246.2	0.186	1438.5
65	-1.48	-1.48	31.89	2.56	233.2	0.198	1439.0
70	-1.44	-1.44	31.99	2.57	220.6	0.209	1439.5
75	-1.39	-1.39	32.21	2.60	206.5	0.231	1440.0
80	-1.32	-1.32	32.54	2.66	192.2	0.251	1440.6
85	-1.27	-1.27	32.85	2.72	178.2	0.288	1440.9
90	-1.20	-1.20	33.00	2.77	165.7	0.321	1441.4
95	-1.15	-1.15	33.18	2.80	153.2	0.352	1441.6
100	-1.10	-1.10	33.30	2.85	142.2	0.365	1441.8
105	-1.05	-1.05	33.33	2.88	132.5	0.378	1442.5
110	-1.00	-1.00	33.33	2.90	122.9	0.390	1442.5
115	-0.95	-0.95	33.33	2.91	111.1	0.401	1443.1
120	-0.90	-0.90	33.33	2.92	97.4	0.410	1444.4
125	-0.85	-0.85	33.33	2.93	84.1	0.418	1445.5
130	-0.80	-0.80	33.33	2.94	71.7	0.424	1446.3
135	-0.75	-0.75	33.33	2.95	59.4	0.430	1446.3
140	-0.70	-0.70	33.33	2.96	47.1	0.434	1449.0
145	-0.65	-0.65	33.33	2.97	35.5	0.438	1450.1
150	-0.60	-0.60	33.33	2.98	24.0	0.441	1451.1
155	-0.55	-0.55	33.33	2.99	12.6	0.445	1452.4
160	-0.50	-0.50	33.33	3.00	1.2	0.447	1453.3
165	-0.45	-0.45	33.33	3.01	0.4	0.450	1453.5
170	-0.40	-0.40	33.33	3.02	0.2	0.452	1453.5
175	-0.35	-0.35	33.33	3.03	0.1	0.454	1453.5
180	-0.30	-0.30	33.33	3.04	0.0	0.457	1453.5
185	-0.25	-0.25	33.33	3.05	0.0	0.460	1453.5
190	-0.20	-0.20	33.33	3.06	0.0	0.462	1453.5
195	-0.15	-0.15	33.33	3.07	0.0	0.464	1453.5
200	-0.10	-0.10	33.33	3.08	0.0	0.466	1453.5
205	-0.05	-0.05	33.33	3.09	0.0	0.468	1453.5
210	0.00	0.00	33.33	3.10	0.0	0.470	1453.5
215	0.05	0.05	33.33	3.11	0.0	0.472	1453.5
220	0.10	0.10	33.33	3.12	0.0	0.474	1453.5
225	0.15	0.15	33.33	3.13	0.0	0.476	1453.5
230	0.20	0.20	33.33	3.14	0.0	0.478	1453.5
235	0.25	0.25	33.33	3.15	0.0	0.480	1453.5
240	0.30	0.30	33.33	3.16	0.0	0.482	1453.5
245	0.35	0.35	33.33	3.17	0.0	0.484	1453.5
250	0.40	0.40	33.33	3.18	0.0	0.486	1453.5
255	0.45	0.45	33.33	3.19	0.0	0.488	1453.5
260	0.50	0.50	33.33	3.20	0.0	0.490	1453.5
265	0.55	0.55	33.33	3.21	0.0	0.492	1453.5
270	0.60	0.60	33.33	3.22	0.0	0.494	1453.5
275	0.65	0.65	33.33	3.23	0.0	0.496	1453.5
280	0.70	0.70	33.33	3.24	0.0	0.498	1453.5
285	0.75	0.75	33.33	3.25	0.0	0.500	1453.5
290	0.80	0.80	33.33	3.26	0.0	0.502	1453.5
295	0.85	0.85	33.33	3.27	0.0	0.504	1453.5
300	0.90	0.90	33.33	3.28	0.0	0.506	1453.5
305	0.95	0.95	33.33	3.29	0.0	0.508	1453.5
310	1.00	1.00	33.33	3.30	0.0	0.510	1453.5
315	1.05	1.05	33.33	3.31	0.0	0.512	1453.5
320	1.10	1.10	33.33	3.32	0.0	0.514	1453.5
325	1.15	1.15	33.33	3.33	0.0	0.516	1453.5
330	1.20	1.20	33.33	3.34	0.0	0.518	1453.5
335	1.25	1.25	33.33	3.35	0.0	0.520	1453.5
340	1.30	1.30	33.33	3.36	0.0	0.522	1453.5
345	1.35	1.35	33.33	3.37	0.0	0.524	1453.5
350	1.40	1.40	33.33	3.38	0.0	0.526	1453.5
355	1.45	1.45	33.33	3.39	0.0	0.528	1453.5
360	1.50	1.50	33.33	3.40	0.0	0.530	1453.5
365	1.55	1.55	33.33	3.41	0.0	0.532	1453.5
370	1.60	1.60	33.33	3.42	0.0	0.534	1453.5
375	1.65	1.65	33.33	3.43	0.0	0.536	1453.5
380	1.70	1.70	33.33	3.44	0.0	0.538	1453.5
385	1.75	1.75	33.33	3.45	0.0	0.540	1453.5
390	1.80	1.80	33.33	3.46	0.0	0.542	1453.5
395	1.85	1.85	33.33	3.47	0.0	0.544	1453.5
400	1.90	1.90	33.33	3.48	0.0	0.546	1453.5
405	1.95	1.95	33.33	3.49	0.0	0.548	1453.5
410	2.00	2.00	33.33	3.50	0.0	0.550	1453.5
415	2.05	2.05	33.33	3.51	0.0	0.552	1453.5
420	2.10	2.10	33.33	3.52	0.0	0.554	1453.5
425	2.15	2.15	33.33	3.53	0.0	0.556	1453.5
430	2.20	2.20	33.33	3.54	0.0	0.558	1453.5
435	2.25	2.25	33.33	3.55	0.0	0.560	1453.5
440	2.30	2.30	33.33	3.56	0.0	0.562	1453.5
445	2.35	2.35	33.33	3.57	0.0	0.564	1453.5
450	2.40	2.40	33.33	3.58	0.0	0.566	1453.5
455	2.45	2.45	33.33	3.59	0.0	0.568	1453.5
460	2.50	2.50	33.33	3.60	0.0	0.570	1453.5
465	2.55	2.55	33.33	3.61	0.0	0.572	1453.5
470	2.60	2.60	33.33	3.62	0.0	0.574	1453.5
475	2.65	2.65	33.33	3.63	0.0	0.576	1453.5
480	2.70	2.70	33.33	3.64	0.0	0.578	1453.5
485	2.75	2.75	33.33	3.65	0.0	0.580	1453.5
490	2.80	2.80	33.33	3.66	0.0	0.582	1453.5
495	2.85	2.85	33.33	3.67	0.0	0.584	1453.5
500	2.90	2.90	33.33	3.68	0.0	0.586	1453.5
505	2.95	2.95	33.33	3.69	0.0	0.588	1453.5
510	3.00	3.00	33.33	3.70	0.0	0.590	1453.5
515	3.05	3.05	33.33	3.71	0.0	0.592	1453.5
520	3.10	3.10	33.33	3.72	0.0	0.594	1453.5
525	3.15	3.15	33.33	3.73	0.0	0.596	1453.5
530	3.20	3.20	33.33	3.74	0.0	0.598	1453.5
535	3.25	3.25	33.33	3.75	0.0	0.600	1453.5
540	3.30	3.30	33.33	3.76	0.0	0.602	1453.5
545	3.35	3.35	33.33	3.77	0.0	0.604	1453.5
550	3.40	3.40	33.33	3.78	0.0	0.606	1453.5
555	3.45	3.45	33.33	3.79	0.0	0.608	1453.5
560	3.50	3.50	33.33	3.80	0.0	0.610	1453.5
565	3.55	3.55	33.33	3.81	0.0	0.612	1453.5
570	3.60	3.60	33.33	3.82	0.0	0.614	1453.5
575	3.65	3.65	33.33	3.83	0.0	0.616	1453.5
580	3.70	3.70	33.33	3.84	0.0	0.618	1453.5
585	3.75	3.75	33.33	3.85	0.0	0.620	1453.5
590	3.80	3.80	33.33	3.86	0.0	0.622	1453.5
595	3.85	3.85	33.33	3.87	0.0	0.624	1453.5
600	3.90	3.90	33.33	3.88	0.0	0.626	1453.5
605	3.95	3.95	33.33	3.89	0.0	0.628	1453.5
610	4.00	4.00	33.33	3.90	0.0	0.630	1453.5
615	4.05	4.05	33.33	3.91	0.0	0.632	1453.5
620	4.10	4.10	33.33	3.92	0.0	0.634	1453.5
625	4.15	4.15	33.33	3.93	0.0	0.636	1453.5
630	4.20	4.20	33.33	3.94	0.0	0.638	1453.5
635	4.25	4.25	33.33	3.95	0.0	0.640	1453.5
640	4.30	4.30	33.33	3.96	0.0	0.642	1453.5
645	4.35	4.35	33.33	3.97	0.0	0.644	1453.5
650	4.40	4.40	33.33	3.98	0.0	0.646	1453.5
655	4.45	4.45	33.33	3.99	0.0	0.648	1453.5
660	4.50	4.50	33.33	4.00	0.0	0.650	1453.5
665	4.55	4.55	33.33	4.01	0.0	0.652	1453.5
670	4.60	4.60	33.33	4.02	0.0	0.654	1453.5
675	4.65	4.65	33.33	4.03	0.0	0.656	1453.5
680	4.70	4.70	33.33	4.04	0.0	0.658	1453.5
685	4.75	4.75	33.33	4.05	0.0	0.660	1453.5
690	4.80	4.80	33.33	4.06	0.0	0.662	1453.5
695	4.85	4.85	33.33	4.07	0.0	0.664	1453.5
700	4.90	4.90	33.33	4.08	0.0	0.666	1453.5
705	4.95	4.95	33.33	4.09	0.0	0.668	1453.5
710	5.00	5.00	33.33	4.10	0.0	0.670	1453.5
715	5.05	5.05	33.33	4.11	0.0	0.672	1453.5
720	5.10	5.10	33.33	4.12	0.0	0.674	1453.5
725	5.15	5.15	33.33	4.13	0.0	0.676	1453.5
730	5.20	5.20	33.33	4.14	0.0	0.678	1453.5
735	5.25	5.25	33.33	4.15	0.0	0.680	1453.5
740	5.30	5.30	33.33	4.16	0.0	0.682	1453.5
745	5.35	5.35	33.33	4.17	0.0	0.684	1453.5
750	5.40	5.40	33.33	4.18	0.0	0.686	1453.5
755	5.45	5.45	33.33	4.19	0.0	0.688	1453.5
760	5.50	5.50	33.33	4.20	0.0	0.690	1453.5
765	5.55	5.55	33.33	4.21	0.0	0.692	1453.5
770	5.60	5.60	33.33	4.22	0.0	0.694	1453.5
775	5.65	5.65	33.33</				

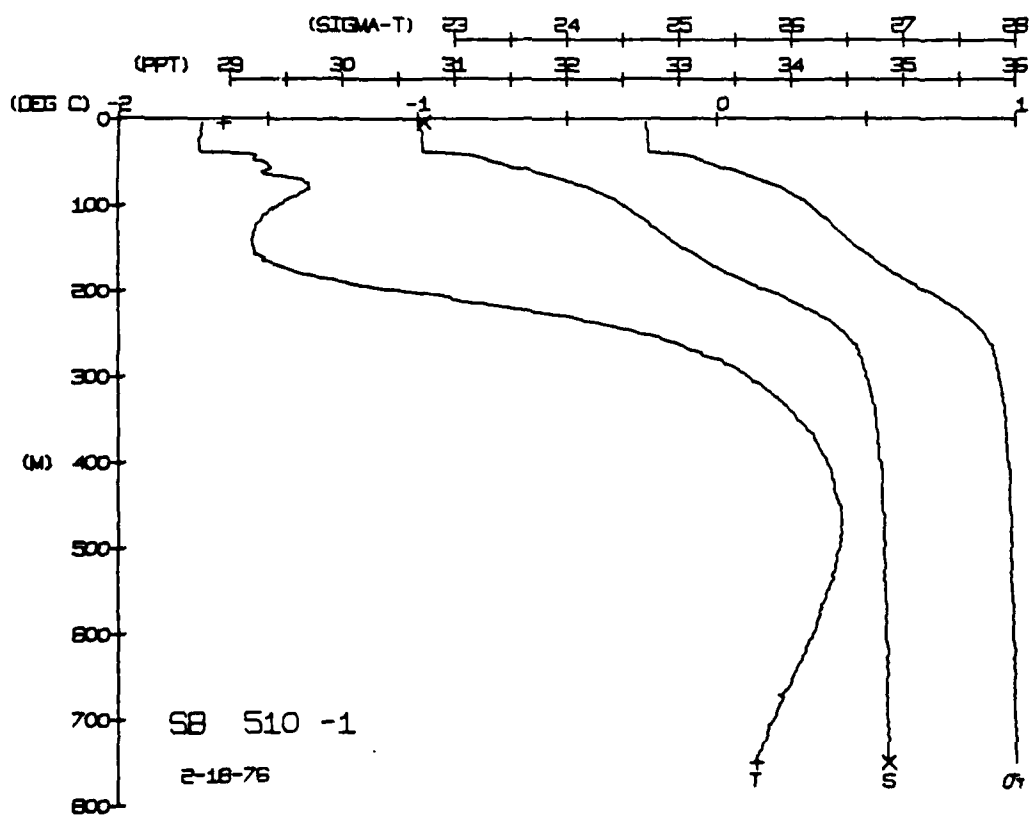
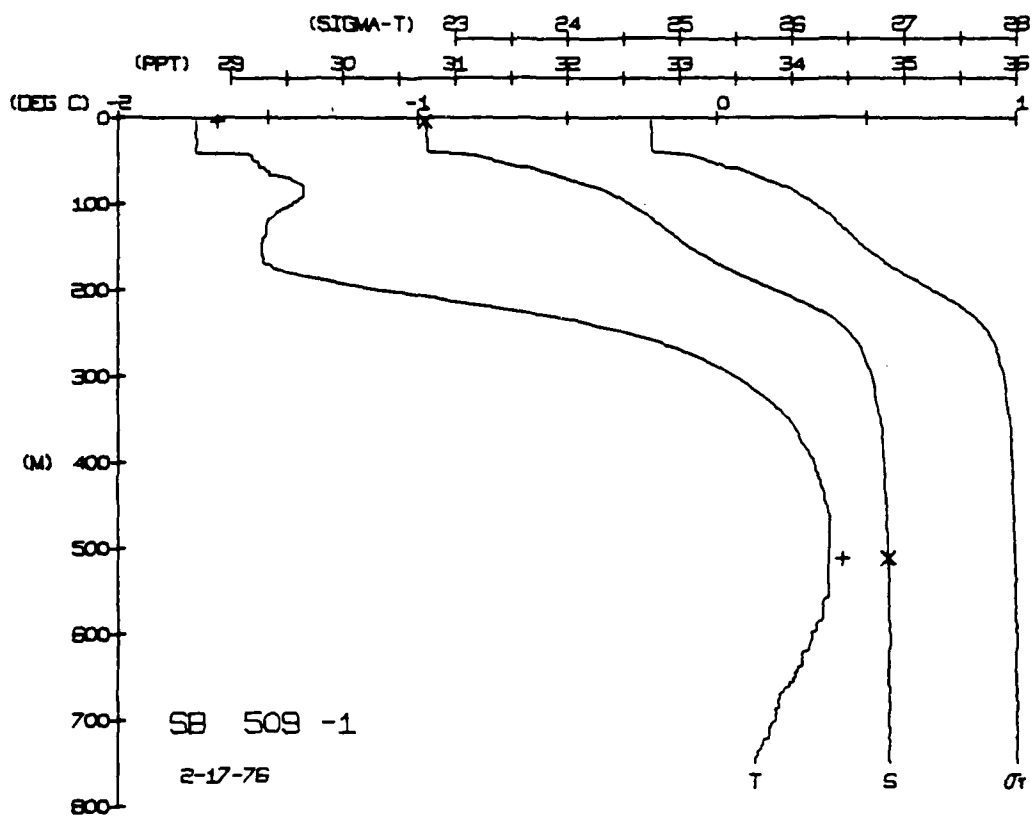


SNOW-BIRD STATION 510(1) CTD 1P/FEB/1976 183R GM1 CONF = 2
LAT = 73.6431N LNG = 144.7240W LTER = 1. LGR = 2.
AIR TEMP = -38.1 HANUM = 1027.7 WIND = 358.5 SPEED = 29.9

DEPTH	TEMP	PTMP	SALIN	SLG T	SPVUL	DYMHIT	SOUND
0.0	74	74	30.74	74	321.0	0.000	1435.2
0.5	74	74	30.74	74	320.9	0.015	1435.2
1.0	74	74	30.74	74	320.7	0.032	1435.4
1.5	74	74	30.74	75	320.7	0.048	1435.4
2.0	74	74	30.75	76	320.6	0.065	1435.6
2.5	74	74	30.75	76	320.6	0.081	1435.6
3.0	74	74	30.81	76	320.5	0.097	1435.7
3.5	74	74	30.81	76	320.5	0.113	1435.9
4.0	55	55	33.35	12	324.9	0.129	1437.7
4.5	55	55	33.35	12	324.8	0.144	1437.7
5.0	53	53	33.49	24	326.6	0.158	1438.1
5.5	53	53	33.72	25	326.4	0.171	1438.9
6.0	49	49	33.89	63	326.0	0.184	1438.9
6.5	44	44	33.96	73	326.0	0.196	1439.4
7.0	38	38	33.96	93	327.8	0.208	1440.2
7.5	38	38	33.96	93	327.7	0.230	1440.2
8.0	38	38	33.96	93	327.8	0.250	1440.9
8.5	47	47	33.55	20	327.4	0.269	1440.9
9.0	51	51	33.77	30	326.3	0.287	1441.4
9.5	51	51	33.88	47	326.5	0.304	1441.4
10.0	52	52	33.98	55	326.5	0.320	1441.6
10.5	52	52	33.07	93	326.5	0.335	1441.9
11.0	52	52	33.33	93	326.5	0.350	1442.7
11.5	51	51	33.33	85	326.7	0.366	1442.7
12.0	44	44	33.33	85	326.7	0.388	1443.4
12.5	44	44	33.33	85	326.7	0.407	1443.4
13.0	44	44	33.33	85	326.7	0.425	1444.5
13.5	44	44	33.33	85	326.7	0.441	1444.5
14.0	44	44	33.33	85	326.7	0.457	1444.5
14.5	44	44	33.33	85	326.7	0.472	1444.5
15.0	44	44	33.33	85	326.7	0.487	1444.5
15.5	44	44	33.33	85	326.7	0.503	1444.5
16.0	44	44	33.33	85	326.7	0.518	1444.5
16.5	44	44	33.33	85	326.7	0.533	1444.5
17.0	44	44	33.33	85	326.7	0.548	1444.5
17.5	44	44	33.33	85	326.7	0.563	1444.5
18.0	44	44	33.33	85	326.7	0.578	1444.5
18.5	44	44	33.33	85	326.7	0.593	1444.5
19.0	44	44	33.33	85	326.7	0.608	1444.5
19.5	44	44	33.33	85	326.7	0.623	1444.5
20.0	44	44	33.33	85	326.7	0.638	1444.5
20.5	44	44	33.33	85	326.7	0.653	1444.5
21.0	44	44	33.33	85	326.7	0.668	1444.5
21.5	44	44	33.33	85	326.7	0.683	1444.5
22.0	44	44	33.33	85	326.7	0.698	1444.5
22.5	44	44	33.33	85	326.7	0.713	1444.5
23.0	44	44	33.33	85	326.7	0.728	1444.5
23.5	44	44	33.33	85	326.7	0.743	1444.5
24.0	44	44	33.33	85	326.7	0.758	1444.5
24.5	44	44	33.33	85	326.7	0.773	1444.5
25.0	44	44	33.33	85	326.7	0.788	1444.5
25.5	44	44	33.33	85	326.7	0.803	1444.5
26.0	44	44	33.33	85	326.7	0.818	1444.5
26.5	44	44	33.33	85	326.7	0.833	1444.5
27.0	44	44	33.33	85	326.7	0.848	1444.5
27.5	44	44	33.33	85	326.7	0.863	1444.5
28.0	44	44	33.33	85	326.7	0.878	1444.5
28.5	44	44	33.33	85	326.7	0.893	1444.5
29.0	44	44	33.33	85	326.7	0.908	1444.5
29.5	44	44	33.33	85	326.7	0.923	1444.5
30.0	44	44	33.33	85	326.7	0.938	1444.5
30.5	44	44	33.33	85	326.7	0.953	1444.5
31.0	44	44	33.33	85	326.7	0.968	1444.5
31.5	44	44	33.33	85	326.7	0.983	1444.5
32.0	44	44	33.33	85	326.7	0.998	1444.5
32.5	44	44	33.33	85	326.7	1.013	1444.5
33.0	44	44	33.33	85	326.7	1.028	1444.5
33.5	44	44	33.33	85	326.7	1.043	1444.5
34.0	44	44	33.33	85	326.7	1.058	1444.5
34.5	44	44	33.33	85	326.7	1.073	1444.5
35.0	44	44	33.33	85	326.7	1.088	1444.5
35.5	44	44	33.33	85	326.7	1.103	1444.5
36.0	44	44	33.33	85	326.7	1.118	1444.5
36.5	44	44	33.33	85	326.7	1.133	1444.5
37.0	44	44	33.33	85	326.7	1.148	1444.5
37.5	44	44	33.33	85	326.7	1.163	1444.5
38.0	44	44	33.33	85	326.7	1.178	1444.5
38.5	44	44	33.33	85	326.7	1.193	1444.5
39.0	44	44	33.33	85	326.7	1.208	1444.5
39.5	44	44	33.33	85	326.7	1.223	1444.5
40.0	44	44	33.33	85	326.7	1.238	1444.5
40.5	44	44	33.33	85	326.7	1.253	1444.5
41.0	44	44	33.33	85	326.7	1.268	1444.5
41.5	44	44	33.33	85	326.7	1.283	1444.5
42.0	44	44	33.33	85	326.7	1.298	1444.5
42.5	44	44	33.33	85	326.7	1.313	1444.5
43.0	44	44	33.33	85	326.7	1.328	1444.5
43.5	44	44	33.33	85	326.7	1.343	1444.5
44.0	44	44	33.33	85	326.7	1.358	1444.5
44.5	44	44	33.33	85	326.7	1.373	1444.5
45.0	44	44	33.33	85	326.7	1.388	1444.5
45.5	44	44	33.33	85	326.7	1.403	1444.5
46.0	44	44	33.33	85	326.7	1.418	1444.5
46.5	44	44	33.33	85	326.7	1.433	1444.5
47.0	44	44	33.33	85	326.7	1.448	1444.5
47.5	44	44	33.33	85	326.7	1.463	1444.5
48.0	44	44	33.33	85	326.7	1.478	1444.5
48.5	44	44	33.33	85	326.7	1.493	1444.5
49.0	44	44	33.33	85	326.7	1.508	1444.5
49.5	44	44	33.33	85	326.7	1.523	1444.5
50.0	44	44	33.33	85	326.7	1.538	1444.5
50.5	44	44	33.33	85	326.7	1.553	1444.5
51.0	44	44	33.33	85	326.7	1.568	1444.5
51.5	44	44	33.33	85	326.7	1.583	1444.5
52.0	44	44	33.33	85	326.7	1.598	1444.5
52.5	44	44	33.33	85	326.7	1.613	1444.5
53.0	44	44	33.33	85	326.7	1.628	1444.5
53.5	44	44	33.33	85	326.7	1.643	1444.5
54.0	44	44	33.33	85	326.7	1.658	1444.5
54.5	44	44	33.33	85	326.7	1.673	1444.5
55.0	44	44	33.33	85	326.7	1.688	1444.5
55.5	44	44	33.33	85	326.7	1.703	1444.5
56.0	44	44	33.33	85	326.7	1.718	1444.5
56.5	44	44	33.33	85	326.7	1.733	1444.5
57.0	44	44	33.33	85	326.7	1.748	1444.5
57.5	44	44	33.33	85	326.7	1.763	1444.5
58.0	44	44	33.33	85	326.7	1.778	1444.5
58.5	44	44	33.33	85	326.7	1.793	1444.5
59.0	44	44	33.33	85	326.7	1.808	1444.5
59.5	44	44	33.33	85	326.7	1.823	1444.5
60.0	44	44	33.33	85	326.7	1.838	1444.5
60.5	44	44	33.33	85	326.7	1.853	1444.5
61.0	44	44	33.33	85	326.7	1.868	1444.5
61.5	44	44	33.33	85	326.7	1.883	1444.5
62.0	44	44	33.33	85	326.7	1.898	1444.5
62.5	44	44	33.33	85	326.7	1.913	1444.5
63.0	44	44	33.33	85	326.7	1.928	1444.5
63.5	44	44	33.33	85	326.7	1.943	1444.5
64.0	44	44	33.33	85	326.7	1.958	1444.5
64.5	44	44	33.33	85	326.7	1.973	1444.5
65.0	44	44	33.33	85	326.7	1.988	1444.5
65.5	44	44	33.33	85	326.7	1.993	1444.5
66.0	44	44	33.33	85	326.7	1.998	1444.5
66.5	44	44	33.33	85	326.7	1.998	1444.5
67.0	44	44	33.33	85	326.7	1.998	1444.5
67.5	44	44	33.33	85	326.7	1.998	1444.5
68.0	44	44	33.33	85	326.7	1.998	1444.5
68.5	44	44	33.33	85	326.7	1.998	1444.5
69.0	44	44	33.33	85	326.7	1.998	1444.5
69.5	44	44	33.33	85	326.7	1.998	1444.5
70.0	44	44	33.33	85	326.7	1.998	1444.5
70.5	44	44	33.33	85	326.7	1.998	1444.5
71.0	44	44	33.33	85	326.7	1.998	1444.5
71.5	44	44	33.33	85	326.7	1.998	1444.5
72.0	44	44	33.33	85	326.7	1.998	1444.5
72.5	44	44	33.33	85	326.7	1.998	1444.5
73.0	44	44	33.33	85	326.7	1.998	1444.5
73.5	44	44	33.33	85	326.7	1.998	1444.5
74.0	44	44	33.33	85	326.7	1.998	1444.5
74.5	44	44	33.33	85	326.7	1.998	1444.5
75.0	44	44	33.33	85	326.7	1.998	1444.5
75.5	44	44	33.33	85	326.7	1.998	1444.5
76.0	44	44	33.33	85	326.7	1.998	1444.5
76.5	44	44	33.33	85	326.7	1.998	1444.5
77.0	44	44	33.33	85	326.7	1.998	1444.5
77.5	44	44	33.33	85	326.7	1.998	1444.5
78.0	44	44	33.33	85	326.7	1.998	1444.5
78.5	44	44	33.33	85	326.7	1.998	1444.5
79.0	44	44	33.33	85	326.7	1.998	1444.5
79.5	44	44	33.33	85	326.7	1.998	1444.5
80.0	44	44	33.33	85	326.7	1.998	1444.5
80.5	44	44	33.33	85	326.7	1.998	1444.5
81.0	44	44	33.33	85	326.7	1.998	1444.5
81.5	44	44	33.33	85	326.7	1.998	1444.5
82.0	44	44	33.33	85			

DEPTH	TEMP	PIEMP	SALIN	SIG T	SPVOL	DYMT	SOUND
0.8	1.72	1.72	30.69	24.70	325.9	0.000	1435.2
4.5	1.72	1.72	30.69	24.70	324.9	0.016	1435.2
11.5	1.72	1.72	30.70	24.70	324.9	0.033	1435.5
22.5	1.72	1.73	30.71	24.72	324.9	0.049	1435.5
33.5	1.72	1.73	30.71	24.73	324.9	0.062	1435.5
44.5	1.72	1.73	30.77	24.77	322.3	0.098	1435.6
55.5	1.62	1.62	31.21	25.12	318.4	0.130	1437.8
65.5	1.52	1.52	31.47	25.30	322.6	0.159	1438.5
75.5	1.50	1.50	31.67	25.50	326.8	0.186	1438.5
85.5	1.50	1.50	31.80	25.60	329.4	0.198	1439.5
95.5	1.46	1.46	31.92	25.92	323.9	0.210	1440.4
105.5	1.46	1.46	32.25	26.15	319.6	0.232	1440.4
115.5	1.51	1.51	32.50	26.47	318.4	0.252	1440.4
125.5	1.53	1.53	32.61	26.64	317.0	0.270	1440.9
135.5	1.56	1.56	32.82	26.84	316.0	0.290	1441.4
145.5	1.55	1.55	33.03	26.51	315.2	0.320	1441.4
155.5	1.53	1.53	33.17	26.59	314.3	0.359	1442.8
165.5	1.53	1.53	33.24	26.71	313.4	0.382	1443.5
175.5	1.49	1.49	33.44	26.80	312.1	0.394	1443.5
185.5	1.46	1.46	33.62	27.06	312.7	0.404	1444.5
195.5	1.40	1.40	33.76	27.33	312.9	0.414	1444.5
205.5	1.39	1.39	33.96	27.57	312.7	0.422	1447.4
215.5	1.38	1.38	34.13	27.77	312.4	0.429	1449.7
225.5	1.38	1.38	34.39	27.62	312.4	0.435	1450.6
235.5	1.26	1.26	34.54	27.77	311.8	0.444	1451.1
245.5	1.15	1.15	34.60	27.81	310.9	0.451	1452.2
255.5	1.04	1.04	34.64	27.84	307.7	0.453	1453.8
265.5	0.95	0.95	34.65	27.84	276.2	0.456	1453.8
275.5	0.87	0.87	34.68	27.86	253.2	0.459	1454.6
285.5	0.80	0.80	34.70	27.88	233.1	0.461	1454.6
295.5	0.74	0.74	34.71	27.90	221.4	0.464	1454.6
305.5	0.71	0.71	34.73	27.91	210.4	0.466	1455.3
315.5	0.68	0.68	34.75	27.91	200.7	0.468	1455.9
325.5	0.63	0.63	34.76	27.92	191.4	0.470	1456.0
335.5	0.58	0.58	34.77	27.93	181.4	0.474	1457.0
345.5	0.53	0.53	34.82	27.96	166.1	0.481	1457.9
355.5	0.48	0.48	34.82	27.96	162.3	0.484	1458.7
365.5	0.40	0.40	34.84	27.97	150.0	0.491	1459.0
375.5	0.38	0.38	34.84	27.97	145.0	0.494	1459.3
385.5	0.38	0.38	34.84	27.97	142.9	0.497	1459.8
395.5	0.35	0.35	34.85	27.98	133.9	0.500	1459.8
405.5	0.33	0.33	34.85	27.99	123.4	0.506	1459.8
415.5	0.31	0.31	34.86	28.00	112.8	0.508	1460.5
425.5	0.28	0.28	34.86	28.01	101.6	0.511	1460.8
435.5	0.26	0.26	34.87	28.01	91.2	0.516	1461.1
445.5	0.19	0.19	34.86	28.01	81.4	0.523	1461.4
455.5	0.15	0.15	34.87	28.02	71.0	0.527	1461.4
465.5	0.13	0.13	34.88	28.02	61.0	0.537	1462.1
474.8	0.13	0.13	34.88	28.02	51.9	0.547	1467.1

DEPTH	TEMP.	DIFF	SALIN	SPVOL	DYMT	SOUND
0.8	-1.65	4.2	30.72	325.9	0.000	1435.2
4.5	-0.14	748.4	30.72	324.9	0.016	1435.2
11.5					0.033	1435.5
22.5					0.049	1435.5
33.5					0.062	1435.5
44.5					0.098	1435.5
55.5					0.130	1435.6
65.5					0.159	1437.8
75.5					0.186	1438.5
85.5					0.198	1438.5
95.5					0.210	1439.5
105.5					0.232	1440.4
115.5					0.252	1440.4
125.5					0.270	1440.9
135.5					0.290	1441.4
145.5					0.320	1441.4
155.5					0.359	1442.8
165.5					0.382	1443.5
175.5					0.394	1443.5
185.5					0.404	1444.5
195.5					0.414	1444.5
205.5					0.422	1447.4
215.5					0.429	1449.7
225.5					0.435	1450.6
235.5					0.444	1451.1
245.5					0.451	1452.2
255.5					0.453	1453.8
265.5					0.456	1453.8
275.5					0.459	1454.6
285.5					0.461	1454.6
295.5					0.464	1454.6
305.5					0.466	1455.3
315.5					0.468	1455.9
325.5					0.470	1456.0
335.5					0.474	1457.0
345.5					0.481	1457.9
355.5					0.484	1458.7
365.5					0.491	1459.0
375.5					0.494	1459.3
385.5					0.497	1459.8
395.5					0.500	1459.8
405.5					0.506	1459.8
415.5					0.508	1460.5
425.5					0.511	1460.8
435.5					0.516	1461.1
445.5					0.523	1461.4
455.5					0.527	1461.4
465.5					0.537	1462.1
474.8					0.547	1467.1



SNOWHIRE STATION 511(1) CTD 19/FEB/1976 1825 GMT CODE = 2
 LAT = 73.6931N LONG = 144.7246W LTER = 1
 AIR TEMP = -38.1 BAROM = 1025.7 WIND = 358.5 SPEED = 29.9

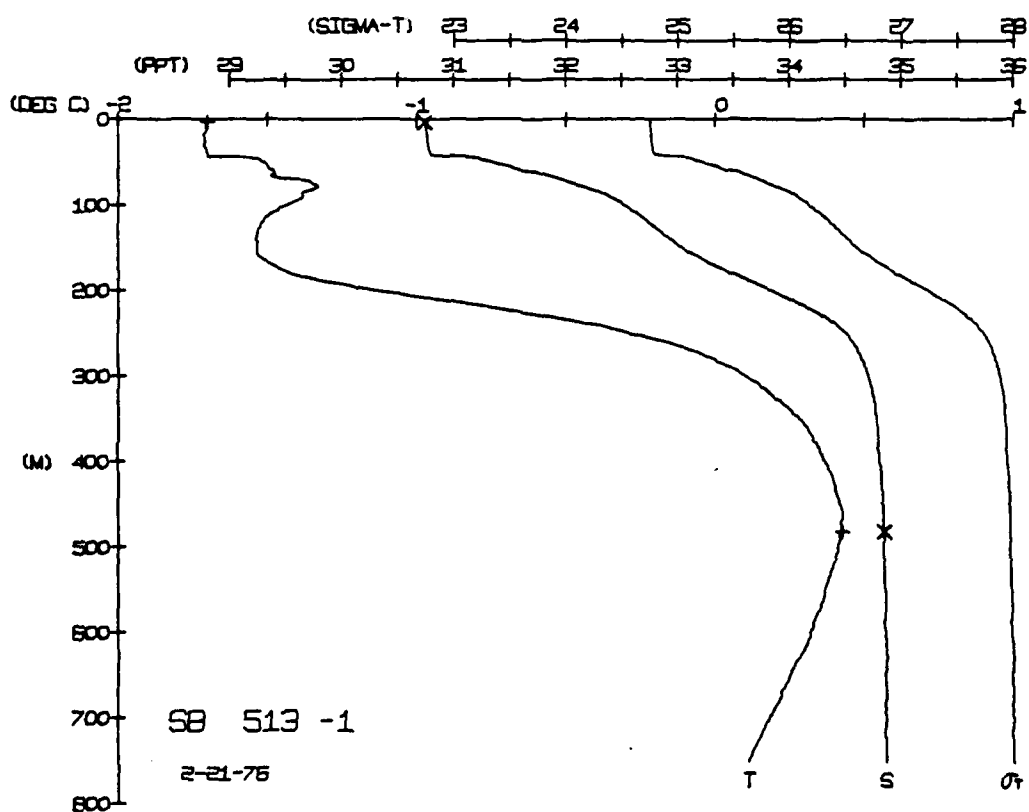
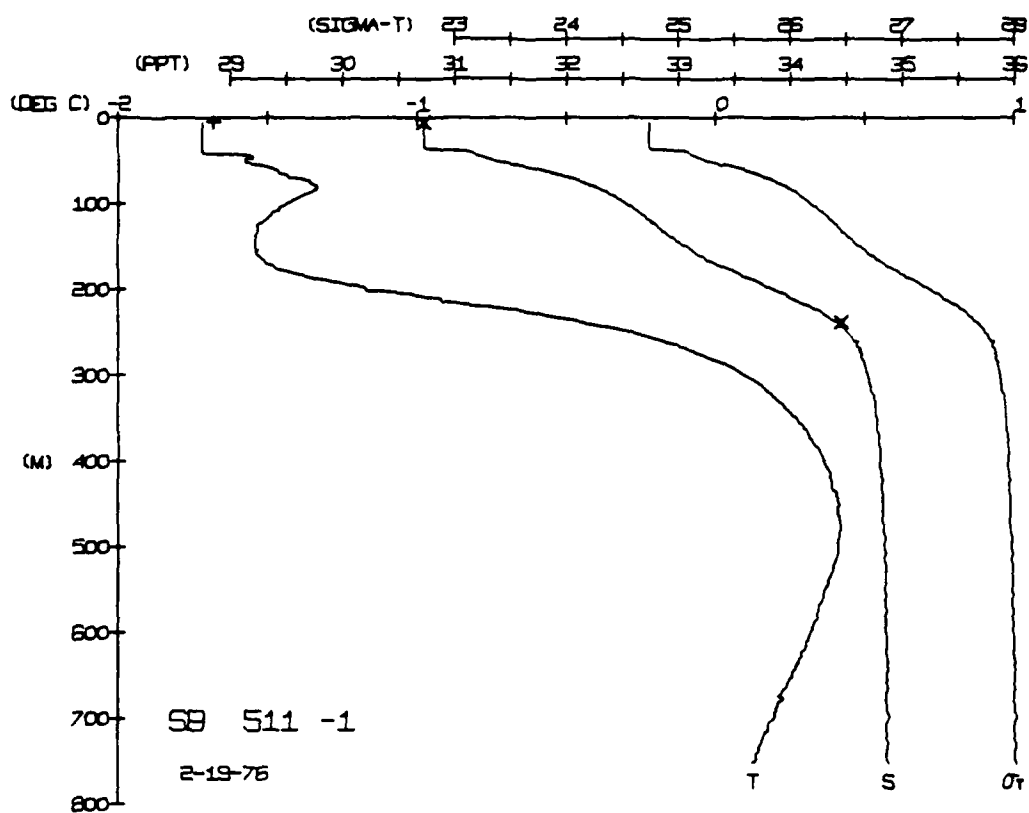
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.72	-1.72	30.73	24.74	321.8	0.000	1435.2
5.0	-1.72	-1.72	30.73	24.74	321.8	0.016	1435.3
10.0	-1.72	-1.72	30.73	24.74	321.8	0.032	1435.4
15.0	-1.72	-1.72	30.73	24.74	321.5	0.049	1435.4
20.0	-1.72	-1.72	30.73	24.74	321.5	0.065	1435.5
25.0	-1.72	-1.72	30.73	24.74	321.1	0.081	1435.6
30.0	-1.72	-1.72	30.73	24.74	321.0	0.097	1435.7
35.0	-1.72	-1.72	30.73	24.74	320.9	0.113	1435.8
40.0	-1.72	-1.72	30.73	24.74	320.5	0.129	1435.8
45.0	-1.55	-1.55	31.123	25.07	320.5	0.145	1436.4
50.0	-1.53	-1.53	31.135	25.14	320.0	0.161	1437.6
55.0	-1.53	-1.53	31.153	25.23	320.0	0.177	1438.7
60.0	-1.46	-1.46	31.173	25.34	320.0	0.193	1439.7
65.0	-1.46	-1.46	31.188	25.44	320.0	0.209	1439.7
70.0	-1.42	-1.42	32.011	25.56	320.0	0.225	1440.4
75.0	-1.33	-1.33	32.213	25.77	320.0	0.241	1440.4
80.0	-1.33	-1.33	32.213	25.94	320.0	0.257	1440.4
85.0	-1.33	-1.33	32.213	26.07	320.0	0.273	1440.7
90.0	-1.43	-1.43	32.52	26.18	320.0	0.289	1440.8
95.0	-1.43	-1.43	32.52	26.28	320.0	0.305	1440.8
100.0	-1.51	-1.51	32.64	26.36	320.0	0.321	1441.2
105.0	-1.53	-1.53	32.83	26.44	320.0	0.337	1441.2
110.0	-1.54	-1.54	32.94	26.52	320.0	0.353	1441.8
115.0	-1.54	-1.54	33.08	26.64	320.0	0.369	1441.8
120.0	-1.53	-1.53	33.17	26.71	320.0	0.385	1442.7
125.0	-1.53	-1.53	33.32	26.83	320.0	0.401	1442.8
130.0	-1.44	-1.44	33.46	26.96	320.0	0.417	1443.4
135.0	-1.37	-1.37	33.63	27.12	320.0	0.433	1444.4
140.0	-1.37	-1.37	33.83	27.23	320.0	0.449	1445.6
145.0	-1.37	-1.37	33.99	27.35	320.0	0.465	1446.2
150.0	-0.76	-0.76	34.18	27.50	320.0	0.481	1448.9
155.0	-0.58	-0.58	34.30	27.59	320.0	0.497	1449.4
160.0	-0.43	-0.43	34.42	27.68	320.0	0.513	1449.4
165.0	-0.29	-0.29	34.50	27.74	320.0	0.529	1450.6
170.0	-0.10	-0.10	34.58	27.80	320.0	0.545	1451.4
175.0	-0.04	-0.04	34.62	27.84	320.0	0.561	1452.2
180.0	-0.04	-0.04	34.67	27.86	320.0	0.577	1452.2
185.0	-0.09	-0.09	34.69	27.87	320.0	0.593	1453.2
190.0	-0.14	-0.14	34.71	27.88	320.0	0.609	1453.2
195.0	-0.19	-0.19	34.73	27.88	320.0	0.625	1454.2
200.0	-0.24	-0.24	34.76	27.90	320.0	0.641	1454.6
205.0	-0.29	-0.29	34.77	27.92	320.0	0.657	1455.4
210.0	-0.33	-0.33	34.78	27.93	320.0	0.673	1455.4
215.0	-0.35	-0.35	34.79	27.94	320.0	0.689	1456.5
220.0	-0.39	-0.39	34.80	27.95	320.0	0.705	1457.5
225.0	-0.41	-0.41	34.81	27.95	320.0	0.721	1457.5
230.0	-0.42	-0.42	34.83	27.97	320.0	0.737	1458.4
235.0	-0.42	-0.42	34.85	27.97	320.0	0.753	1458.4
240.0	-0.41	-0.41	34.85	27.99	320.0	0.769	1459.7
245.0	-0.39	-0.39	34.86	27.99	320.0	0.785	1459.3
250.0	-0.37	-0.37	34.86	27.99	320.0	0.801	1459.6
255.0	-0.35	-0.35	34.86	27.99	320.0	0.817	1459.8
260.0	-0.33	-0.33	34.87	27.99	320.0	0.833	1460.3
265.0	-0.31	-0.31	34.87	27.99	320.0	0.849	1460.3
270.0	-0.28	-0.28	34.87	28.00	320.0	0.865	1460.8
275.0	-0.25	-0.25	34.87	28.01	320.0	0.881	1460.8
280.0	-0.23	-0.23	34.87	28.01	320.0	0.897	1461.2
285.0	-0.20	-0.20	34.87	28.01	320.0	0.913	1461.2
290.0	-0.17	-0.17	34.87	28.01	320.0	0.929	1461.4
295.0	-0.15	-0.15	34.88	28.02	320.0	0.945	1461.8
300.0	-0.13	-0.13	34.88	28.02	320.0	0.961	1462.0

BUT NUM = 1
 BUT NUM = 2

SNOWHIRE STATION 513(1) CTD 21/FEB/1976 1844 GMT CODE = 2
 LAT = 73.6930N LONG = 144.7242W LTER = 0
 AIR TEMP = -36.7 BAROM = 1027.3 WIND = 347.6 SPEED = 25.7

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.70	-1.70	30.75	24.75	320.1	0.000	1435.3
5.0	-1.70	-1.70	30.75	24.75	320.0	0.016	1435.4
10.0	-1.71	-1.71	30.75	24.75	319.8	0.032	1435.4
15.0	-1.71	-1.71	30.76	24.76	319.3	0.048	1435.5
20.0	-1.71	-1.71	30.76	24.76	319.3	0.064	1435.5
25.0	-1.71	-1.71	30.76	24.77	318.7	0.080	1435.6
30.0	-1.71	-1.71	30.77	24.77	318.1	0.096	1435.7
35.0	-1.71	-1.71	30.77	24.78	317.7	0.112	1435.9
40.0	-1.54	-1.54	31.19	24.79	316.2	0.128	1436.4
45.0	-1.51	-1.51	31.33	25.10	316.2	0.144	1437.4
50.0	-1.51	-1.51	31.48	25.22	315.8	0.160	1438.2
55.0	-1.48	-1.48	31.70	25.34	315.8	0.176	1438.7
60.0	-1.48	-1.48	31.83	25.52	315.8	0.192	1439.9
65.0	-1.40	-1.40	31.94	25.62	315.8	0.208	1439.9
70.0	-1.34	-1.34	32.19	25.71	315.8	0.224	1440.4
75.0	-1.34	-1.34	32.32	25.91	315.8	0.240	1440.4
80.0	-1.49	-1.49	32.52	26.07	315.8	0.256	1440.7
85.0	-1.49	-1.49	32.52	26.18	315.8	0.272	1440.7
90.0	-1.52	-1.52	32.74	26.27	315.8	0.288	1440.8
95.0	-1.53	-1.53	32.84	26.36	315.8	0.304	1441.2
100.0	-1.53	-1.53	32.94	26.44	315.8	0.320	1441.2
105.0	-1.53	-1.53	33.04	26.52	315.8	0.336	1441.8
110.0	-1.53	-1.53	33.17	26.61	315.8	0.352	1441.8
115.0	-1.43	-1.43	33.32	26.72	315.8	0.368	1442.8
120.0	-1.43	-1.43	33.46	26.83	315.8	0.384	1442.8
125.0	-1.30	-1.30	33.63	26.96	315.8	0.400	1443.4
130.0	-1.30	-1.30	33.83	27.10	315.8	0.416	1444.4
135.0	-1.35	-1.35	34.00	27.24	315.8	0.432	1445.6
140.0	-0.74	-0.74	34.17	27.36	315.8	0.448	1446.2
145.0	-0.56	-0.56	34.30	27.49	315.8	0.464	1448.9
150.0	-0.39	-0.39	34.42	27.58	315.8	0.480	1449.4
155.0	-0.28	-0.28	34.50	27.68	315.8	0.496	1450.6
160.0	-0.16	-0.16	34.58	27.75	315.8	0.512	1451.4
165.0	-0.07	-0.07	34.62	27.79	315.8	0.528	1452.2
170.0	-0.07	-0.07	34.65	27.85	315.8	0.544	1452.2
175.0	-0.05	-0.05	34.67	27.87	315.8	0.560	1453.2
180.0	-0.05	-0.05	34.69	27.88	315.8	0.576	1453.2
185.0	-0.10	-0.10	34.71	27.88	315.8	0.592	1454.2
190.0	-0.15	-0.15	34.73	27.90	315.8	0.608	1454.6
195.0	-0.19	-0.19	34.75	27.92	315.8	0.624	1455.4
200.0	-0.23	-0.23	34.77	27.93	315.8	0.640	1455.4
205.0	-0.26	-0.26	34.77	27.93	315.8	0.656	1455.7
210.0	-0.29	-0.29	34.78	27.93	315.8	0.672	1456.0
215.0	-0.33	-0.33	34.79	27.94	315.8	0.688	1456.5
220.0	-0.36	-0.36	34.81	27.96	315.8	0.704	1457.5
225.0	-0.39	-0.39	34.83	27.96	315.8	0.720	1457.5
230.0	-0.41	-0.41	34.83	27.96	315.8	0.736	1458.4
235.0	-0.42	-0.42	34.85	27.98	315.8	0.752	1458.4
240.0	-0.42	-0.42	34.85	27.99	315.8	0.768	1459.7
245.0	-0.41	-0.41	34.86	27.99	315.8	0.784	1459.3
250.0	-0.39	-0.39	34.86	27.99	315.8	0.800	1459.6
255.0	-0.37	-0.37	34.86	27.99	315.8	0.816	1459.8
260.0	-0.35	-0.35	34.87	28.00	315.8	0.832	1460.3
265.0	-0.33	-0.33	34.87	28.00	315.8	0.848	1460.3
270.0	-0.31	-0.31	34.87	28.01	315.8	0.864	1460.8
275.0	-0.28	-0.28	34.87	28.01	315.8	0.880	1460.8
280.0	-0.26	-0.26	34.87	28.02	315.8	0.896	1461.2
285.0	-0.23	-0.23	34.87	28.02	315.8	0.912	1461.2
290.0	-0.20	-0.20	34.87	28.02	315.8	0.928	1461.4
295.0	-0.17	-0.17	34.88	28.02	315.8	0.944	1461.8
300.0	-0.15	-0.15	34.88	28.02	315.8	0.960	1462.0

BUT NUM = 1
 BUT NUM = 2



SSNOWHIRD STATION 517(1) CTD 23/FEB/1976 1825 GMT CODE = 2
LAT = 73.6933N LNG = 144.7247W ITR = 2 LGP = 3
AIR TEMP = -35.2 BAROM = 1018.5 WIND = 55.3 SPEED = 66.8

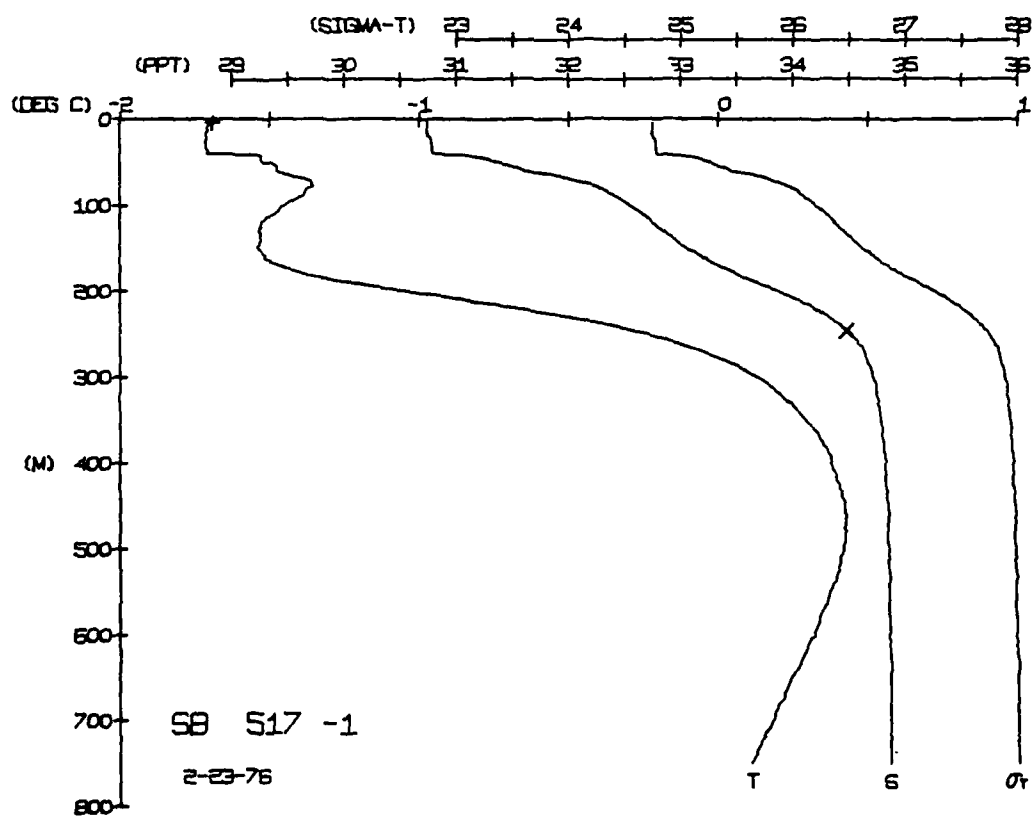
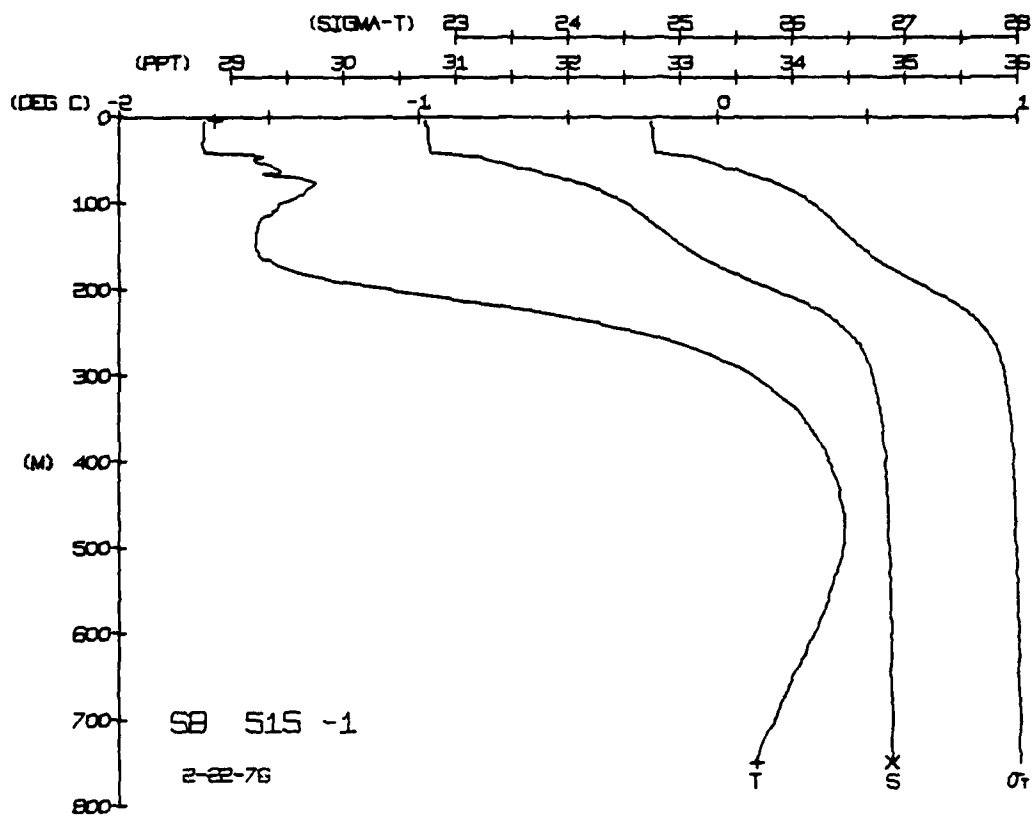
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	-1.72	-1.72	30.73	24.73	321.9	0.000	1435.2
5.0	-1.72	-1.72	30.73	24.73	321.8	0.016	1435.3
6.3	-1.72	-1.72	30.73	24.73	321.8	0.020	1435.3
10.0	-1.72	-1.72	30.73	24.74	321.3	0.032	1435.4
15.0	-1.72	-1.72	30.75	24.75	319.3	0.049	1435.5
20.0	-1.72	-1.72	30.75	24.75	319.8	0.065	1435.6
25.0	-1.72	-1.72	30.75	24.76	319.4	0.081	1435.7
35.0	-1.72	-1.72	30.77	24.77	318.0	0.097	1435.8
40.0	-1.72	-1.72	30.77	24.77	318.0	0.119	1435.9
45.0	-1.54	-1.54	31.04	24.99	297.2	0.144	1437.6
50.0	-1.55	-1.55	31.24	25.19	267.1	0.159	1437.6
55.0	-1.52	-1.48	31.54	25.39	269.7	0.173	1438.0
60.0	-1.48	-1.46	31.75	25.56	242.6	0.184	1438.5
65.0	-1.46	-1.44	31.89	25.68	231.4	0.199	1438.3
80.0	-1.44	-1.35	32.16	25.89	211.4	0.211	1440.3
90.0	-1.38	-1.45	32.35	26.05	196.5	0.253	1440.3
100.0	-1.45	-1.49	32.51	26.17	184.7	0.261	1440.6
110.0	-1.48	-1.53	32.72	26.34	168.2	0.304	1440.8
120.0	-1.54	-1.54	32.80	26.41	161.3	0.321	1441.0
130.0	-1.54	-1.55	32.81	26.50	153.0	0.341	1441.4
140.0	-1.54	-1.53	33.01	26.58	145.0	0.341	1441.7
150.0	-1.53	-1.54	33.14	26.69	135.2	0.356	1442.1
160.0	-1.48	-1.43	33.27	26.91	125.5	0.380	1442.7
170.0	-1.48	-1.43	33.42	26.91	114.0	0.395	1443.4
180.0	-1.40	-1.31	33.60	27.20	101.1	0.406	1444.3
200.0	-1.12	-0.95	33.79	27.34	67.0	0.415	1445.6
210.0	-0.94	-0.74	33.98	27.58	73.2	0.424	1446.9
220.0	-0.73	-0.56	34.14	27.74	61.4	0.430	1448.5
230.0	-0.73	-0.42	34.30	27.92	50.7	0.437	1449.3
240.0	-0.74	-0.42	34.40	27.96	43.5	0.441	1450.5
250.0	-0.78	-0.29	34.49	27.73	37.5	0.445	1451.1
260.0	-0.17	-0.18	34.55	27.78	32.8	0.444	1452.1
270.0	-0.08	-0.09	34.62	27.82	28.6	0.451	1452.8
280.0	-0.01	-0.02	34.65	27.85	26.2	0.454	1453.3
290.0	0.05	0.04	34.68	27.87	24.4	0.457	1453.8
300.0	0.11	0.10	34.70	27.89	23.0	0.459	1454.3
310.0	0.15	0.14	34.72	27.91	22.1	0.461	1454.6
320.0	0.19	0.17	34.74	27.91	20.6	0.464	1455.0
330.0	0.23	0.21	34.76	27.92	19.6	0.466	1455.4
340.0	0.26	0.25	34.78	27.94	19.6	0.466	1455.7
350.0	0.30	0.27	34.79	27.94	18.2	0.469	1456.0
360.0	0.32	0.31	34.80	27.95	17.5	0.469	1456.0
370.0	0.36	0.34	34.82	27.96	16.9	0.473	1457.0
380.0	0.38	0.36	34.83	27.97	15.6	0.476	1457.5
410.0	0.40	0.38	34.84	27.97	14.9	0.482	1457.9
430.0	0.41	0.39	34.85	27.98	14.2	0.485	1458.1
450.0	0.41	0.40	34.85	27.98	14.2	0.488	1458.7
470.0	0.42	0.40	34.85	27.98	14.2	0.491	1459.0
490.0	0.42	0.39	34.85	27.99	14.2	0.494	1459.4
510.0	0.42	0.37	34.86	27.99	13.0	0.496	1459.6
530.0	0.40	0.35	34.87	28.00	12.2	0.499	1459.9
570.0	0.36	0.33	34.87	28.00	12.0	0.501	1460.1
590.0	0.34	0.31	34.88	28.01	11.0	0.504	1460.3
610.0	0.31	0.28	34.88	28.02	10.8	0.506	1460.5
630.0	0.24	0.25	34.88	28.02	10.9	0.508	1460.8
650.0	0.25	0.22	34.88	28.02	10.5	0.510	1461.1
670.0	0.23	0.20	34.89	28.03	10.2	0.512	1461.4
690.0	0.20	0.17	34.89	28.03	9.8	0.516	1461.6
710.0	0.18	0.14	34.89	28.03	9.5	0.518	1461.8
730.0	0.15	0.11	34.89	28.03	9.5	0.518	1461.1

34.88

SALIN 34.88

SALIN 34.88

SALIN 34.88



SNOWBIRD STATION 519(1) CTD 24/FEB/1976 1825 GMT CODE = 2
LAT = 73.6933N LNG = 144.7265W LTER = 2 LGER = 3
AIR TEMP = -35.2 BAROM = 1028.5 WIND = 55.3 SPEED = 66.8

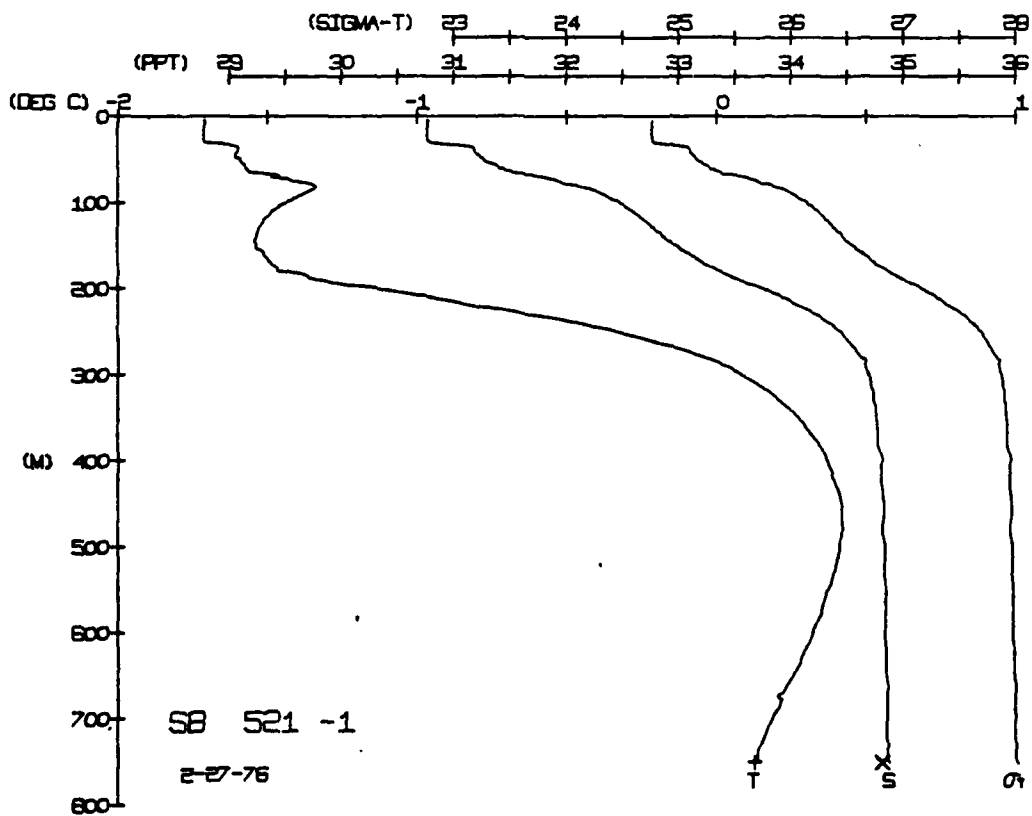
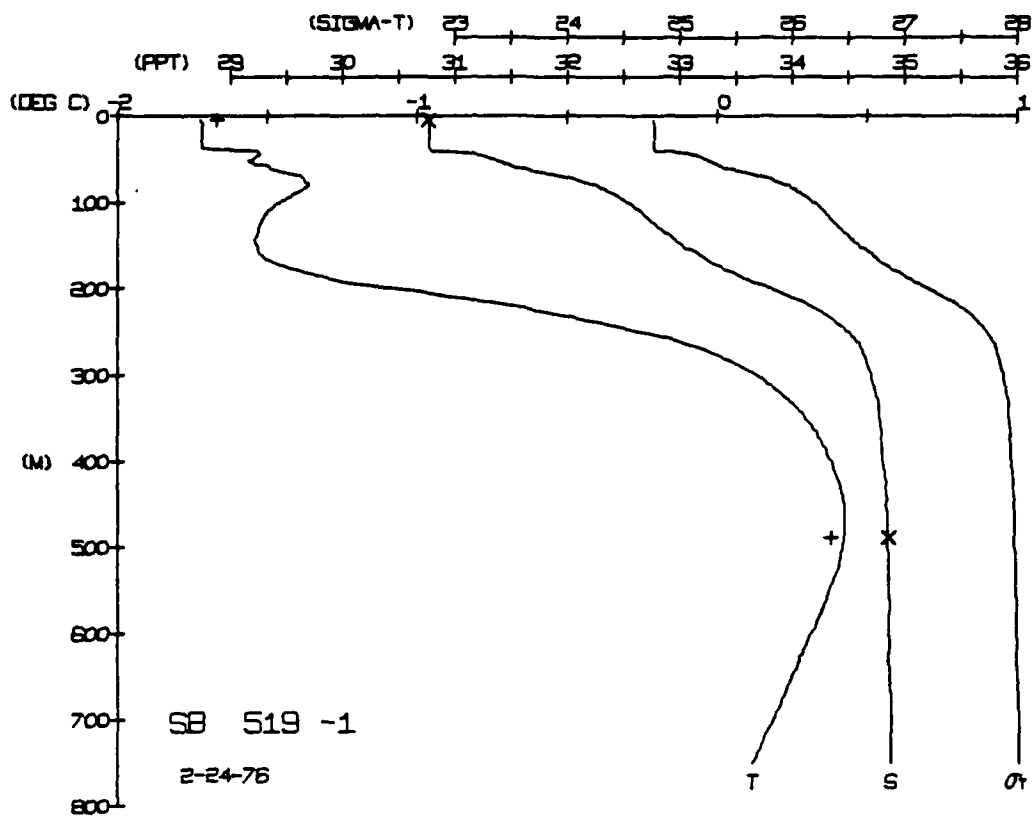
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	-1.72	-1.72	30.77	24.77	318.9	0.000	1435.2
4.0	-1.72	-1.72	30.77	24.77	318.8	0.015	1435.3
5.0	-1.72	-1.72	30.77	24.77	318.8	0.015	1435.3
10.0	-1.72	-1.72	30.78	24.78	317.9	0.032	1435.4
15.0	-1.72	-1.72	30.78	24.78	317.7	0.048	1435.5
20.0	-1.72	-1.72	30.78	24.78	317.7	0.064	1435.6
25.0	-1.72	-1.72	30.78	24.78	317.4	0.080	1435.7
30.0	-1.72	-1.72	30.78	24.78	317.4	0.096	1435.8
35.0	-1.72	-1.72	30.78	24.78	317.4	0.112	1435.9
40.0	-1.53	-1.54	30.88	24.86	309.7	0.128	1437.1
45.0	-1.52	-1.52	31.21	25.12	284.7	0.143	1437.2
50.0	-1.54	-1.54	31.35	25.22	273.7	0.157	1437.4
55.0	-1.54	-1.54	31.45	25.32	268.7	0.170	1437.6
60.0	-1.49	-1.49	31.54	25.39	258.7	0.184	1438.4
65.0	-1.44	-1.44	31.78	25.58	241.0	0.196	1439.0
70.0	-1.38	-1.39	31.97	25.74	226.0	0.208	1439.7
75.0	-1.36	-1.41	32.24	25.95	202.9	0.230	1440.5
80.0	-1.46	-1.46	32.40	26.08	192.5	0.250	1440.5
85.0	-1.50	-1.50	32.53	26.19	182.7	0.269	1440.8
90.0	-1.50	-1.50	32.65	26.29	177.2	0.287	1440.8
95.0	-1.52	-1.52	32.73	26.35	167.2	0.304	1440.9
100.0	-1.53	-1.53	32.83	26.43	159.6	0.320	1441.2
110.0	-1.54	-1.54	32.93	26.51	151.9	0.336	1441.5
120.0	-1.54	-1.54	33.03	26.60	143.8	0.351	1441.8
130.0	-1.52	-1.52	33.13	26.71	132.8	0.365	1442.2
140.0	-1.48	-1.48	33.23	26.80	124.7	0.378	1442.5
150.0	-1.39	-1.39	33.33	26.92	113.3	0.390	1443.7
160.0	-1.28	-1.28	33.43	27.06	99.8	0.401	1444.5
170.0	-1.09	-1.09	33.51	27.22	85.3	0.418	1445.3
180.0	-0.88	-0.88	33.59	27.35	72.9	0.435	1447.2
190.0	-0.69	-0.69	33.65	27.48	60.4	0.449	1448.6
200.0	-0.54	-0.54	34.10	27.59	50.4	0.430	1449.5
210.0	-0.39	-0.39	34.40	27.66	43.4	0.435	1450.5
220.0	-0.27	-0.27	34.49	27.73	37.2	0.439	1451.4
230.0	-0.15	-0.15	34.56	27.78	32.4	0.443	1452.9
240.0	-0.05	-0.05	34.62	27.84	28.8	0.446	1452.9
250.0	0.08	0.08	34.65	27.86	26.6	0.449	1453.9
260.0	0.17	0.17	34.71	27.88	25.0	0.454	1454.4
270.0	0.21	0.21	34.74	27.89	23.0	0.458	1454.7
280.0	0.24	0.24	34.77	27.91	20.7	0.458	1455.1
290.0	0.27	0.27	34.77	27.92	19.2	0.462	1455.4
300.0	0.29	0.29	34.77	27.93	19.0	0.462	1455.7
310.0	0.33	0.33	34.79	27.94	18.9	0.464	1456.6
320.0	0.37	0.37	34.80	27.95	17.7	0.471	1457.1
330.0	0.41	0.41	34.82	27.96	16.0	0.475	1457.5
340.0	0.42	0.42	34.84	27.97	15.0	0.478	1458.0
350.0	0.42	0.42	34.85	27.98	14.3	0.481	1458.4
360.0	0.41	0.41	34.86	27.98	14.2	0.484	1458.7
370.0	0.41	0.41	34.86	27.99	13.4	0.487	1459.3
380.0	0.40	0.40	34.86	27.99	13.4	0.489	1459.6
390.0	0.39	0.39	34.86	27.99	13.3	0.492	1459.8
400.0	0.38	0.38	34.87	28.00	12.7	0.497	1460.1
410.0	0.37	0.37	34.87	28.00	12.1	0.497	1460.3
420.0	0.36	0.36	34.87	28.01	11.8	0.502	1460.5
430.0	0.35	0.35	34.87	28.01	11.4	0.507	1460.7
440.0	0.34	0.34	34.87	28.01	11.0	0.509	1461.2
450.0	0.33	0.33	34.88	28.02	10.2	0.511	1461.4
460.0	0.32	0.32	34.88	28.02	10.0	0.513	1461.6
470.0	0.31	0.31	34.88	28.02	9.9	0.515	1461.8
480.0	0.30	0.30	34.88	28.03	9.7	0.517	1462.0

HUT NUM = 1
HUT NUM = 2
DEPTH 4.2
TEMP -1.67
SALIN 30.76
34.86

SNOWBIRD STATION 521(1) CTD 27/FEB/1976 1840 GMT CODE = 2
LAT = 73.7466N LNG = 144.6763W LTER = 1 LGER = 3
AIR TEMP = -16.3 BAROM = 1020.5 WIND = 254.2 SPEED = 19.5

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVUL	DYNHT	SOUND
0.0	-1.71	-1.71	30.76	24.76	319.1	0.000	1435.3
4.0	-1.71	-1.71	30.76	24.76	319.1	0.016	1435.4
5.0	-1.71	-1.71	30.76	24.76	319.1	0.016	1435.4
10.0	-1.71	-1.71	30.76	24.76	318.9	0.032	1435.5
15.0	-1.71	-1.71	30.76	24.76	318.8	0.048	1435.6
20.0	-1.71	-1.71	30.76	24.76	318.7	0.064	1435.7
25.0	-1.71	-1.71	30.76	24.76	318.7	0.080	1435.7
30.0	-1.71	-1.71	30.76	24.76	318.9	0.096	1435.8
35.0	-1.60	-1.60	31.14	25.10	316.9	0.112	1437.1
40.0	-1.60	-1.60	31.22	25.14	286.4	0.126	1437.2
45.0	-1.59	-1.59	31.27	25.17	279.8	0.140	1437.4
50.0	-1.58	-1.58	31.34	25.23	274.3	0.155	1437.6
55.0	-1.57	-1.57	31.42	25.29	268.0	0.169	1437.9
60.0	-1.54	-1.54	31.51	25.37	261.3	0.182	1439.2
65.0	-1.49	-1.49	31.80	25.60	239.3	0.208	1439.2
70.0	-1.44	-1.44	32.03	25.83	216.8	0.231	1440.5
75.0	-1.38	-1.38	32.32	26.02	194.8	0.252	1440.5
80.0	-1.44	-1.44	32.47	26.14	187.4	0.272	1440.9
85.0	-1.48	-1.48	32.59	26.24	178.3	0.290	1440.9
90.0	-1.51	-1.51	32.69	26.32	170.5	0.308	1440.9
95.0	-1.54	-1.54	32.87	26.40	162.8	0.324	1441.4
100.0	-1.54	-1.54	32.99	26.47	156.0	0.341	1441.4
110.0	-1.51	-1.51	33.10	26.56	147.3	0.356	1441.7
120.0	-1.49	-1.49	33.22	26.65	138.3	0.370	1442.2
130.0	-1.44	-1.44	33.33	26.74	129.4	0.384	1442.2
140.0	-1.33	-1.33	33.55	26.87	117.4	0.396	1443.2
150.0	-1.14	-1.14	33.79	27.01	104.6	0.407	1444.1
160.0	-0.96	-0.96	33.93	27.11	90.9	0.417	1445.5
170.0	-0.82	-0.82	34.07	27.21	76.8	0.426	1446.8
180.0	-0.66	-0.66	34.22	27.31	66.8	0.433	1447.8
190.0	-0.46	-0.46	34.35	27.41	56.1	0.439	1449.0
200.0	-0.33	-0.33	34.45	27.52	47.0	0.444	1450.2
210.0	-0.23	-0.23	34.51	27.62	39.7	0.449	1451.8
220.0	-0.15	-0.15	34.57	27.74	35.9	0.452	1451.8
230.0	-0.04	-0.04	34.64	27.84	31.4	0.456	1452.5
240.0	0.07	0.07	34.69	27.85	27.6	0.459	1453.7
250.0	0.12	0.12	34.74	27.88	25.6	0.462	1454.1
260.0	0.18	0.18	34.79	27.90	23.4	0.464	1454.6
270.0	0.20	0.20	34.74	27.91	22.2	0.466	1454.9
280.0	0.23	0.23	34.76	27.92	21.8	0.469	1454.9
290.0	0.26	0.26	34.76	27.92	20.9	0.473	1455.3
300.0	0.31	0.31	34.78	27.93	19.7	0.475	1455.9
310.0	0.37	0.37	34.80	27.95	18.7	0.479	1456.5
320.0	0.41	0.41	34.81	27.96	17.4	0.482	1457.0
330.0	0.42	0.42	34.82	27.97	16.5	0.486	1457.5
340.0	0.40	0.40	34.83	27.97	15.4	0.489	1458.3
350.0	0.39	0.39	34.84	27.97	15.0	0.492	1458.7
360.0	0.38	0.38	34.84	27.97	14.8	0.496	1458.7
370.0	0.37	0.37	34.85	27.97	15.0	0.499	1459.3
380.0	0.35	0.35	34.85	27.99	13.6	0.502	1459.5
390.0	0.33	0.33	34.85	27.99	13.4	0.508	1459.8
400.0	0.31	0.31	34.85	27.99	13.5	0.513	1460.1
410.0	0.29	0.29	34.85	27.99	13.2	0.516	1460.3
420.0	0.26	0.26	34.85	27.99	11.7	0.518	1460.7
430.0	0.23	0.23	34.86	28.00	11.2	0.521	1461.0
440.0	0.20	0.20	34.86	28.01	11.7	0.523	1461.4
450.0	0.19	0.19	34.86	28.01	11.5	0.526	1461.4
460.0	0.17	0.17	34.86	28.01	11.5	0.528	1461.6
470.0	0.15	0.15	34.87	28.02	10.6	0.530	1461.6

HUT NUM = 1
HUT NUM = 2
DEPTH 749.7
TEMP 0.13
SALIN 34.82



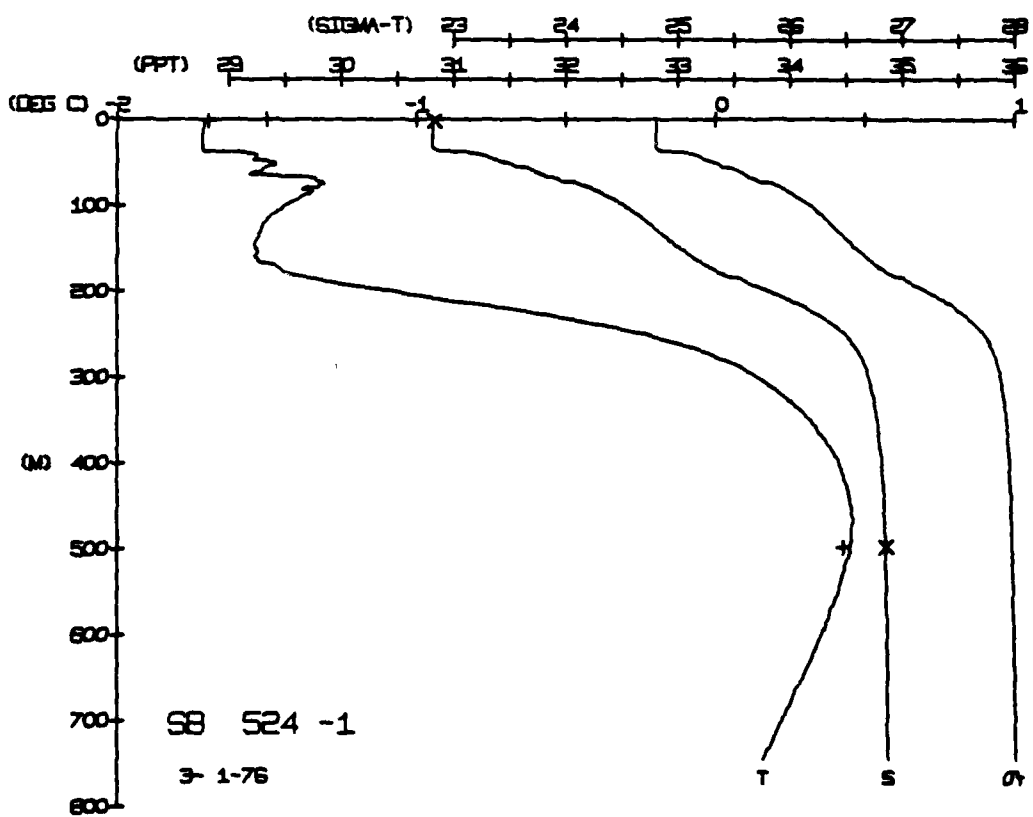
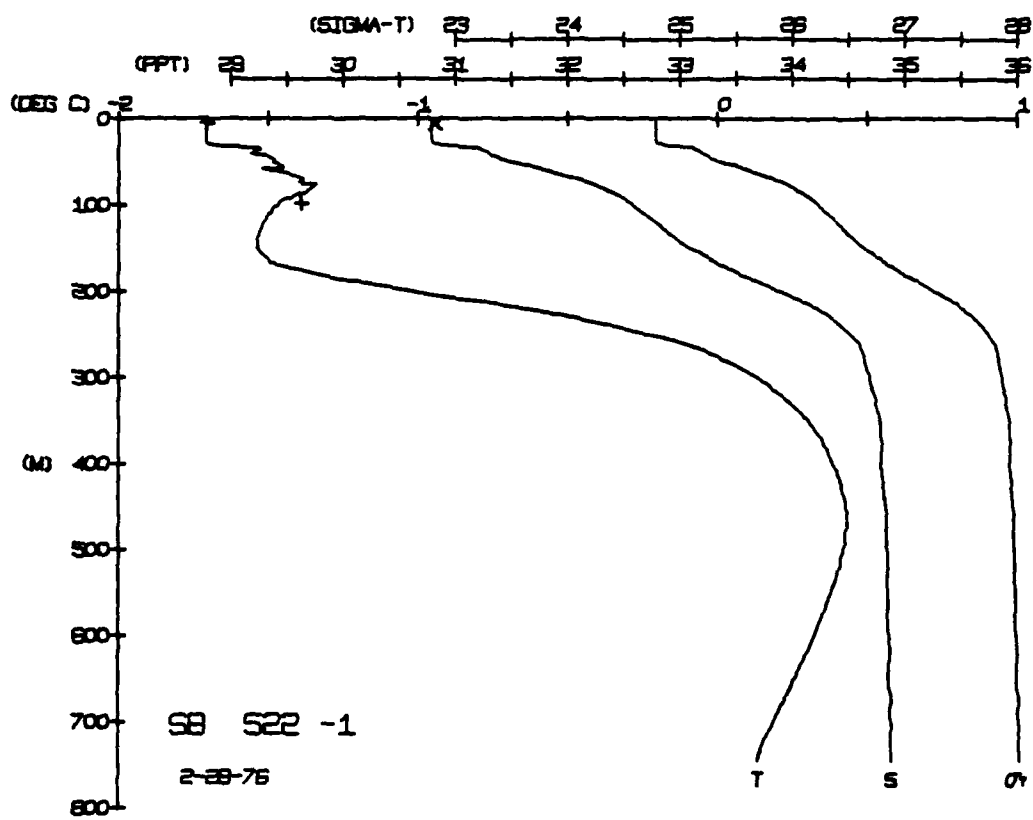
SNOWBIRD STATION 522(1) CTD 28/FEB/1976 1800 GMT CODE = 2
 LAT = 73.7375N LNG = 144.6685W LTER = 0 UGER = 0
 AIR TEMP = -16.3 BAROM = 1034.6 WIND = 254.2 SPEED = 79.5

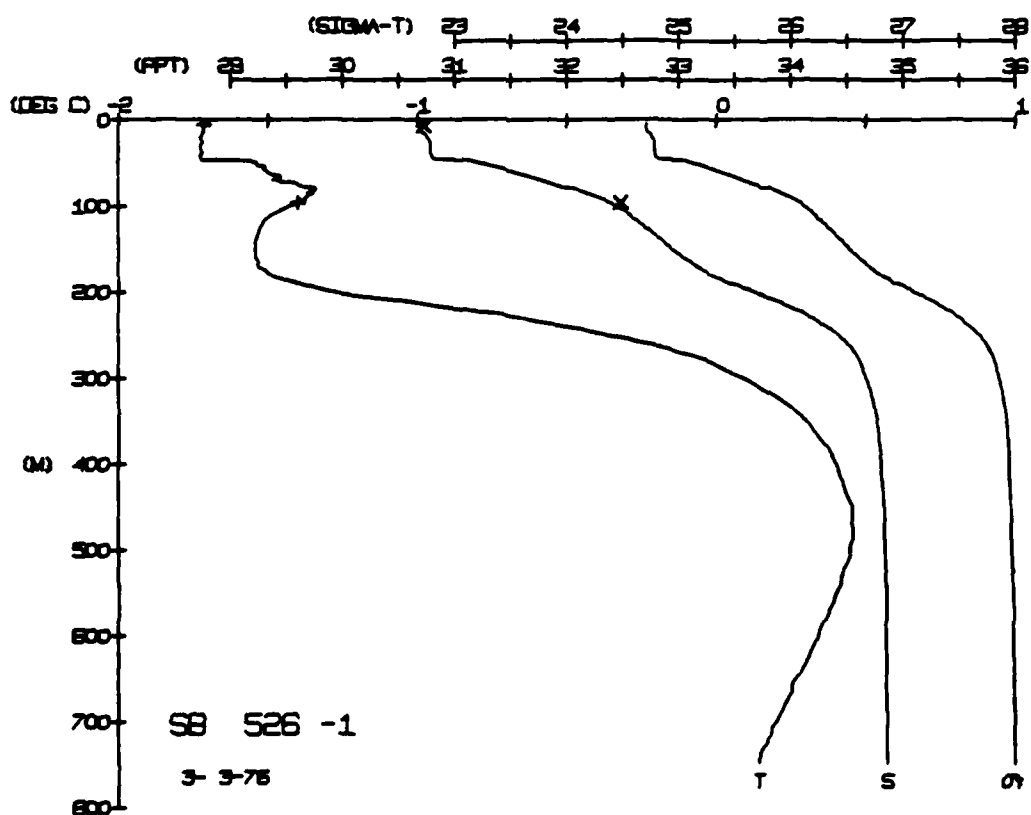
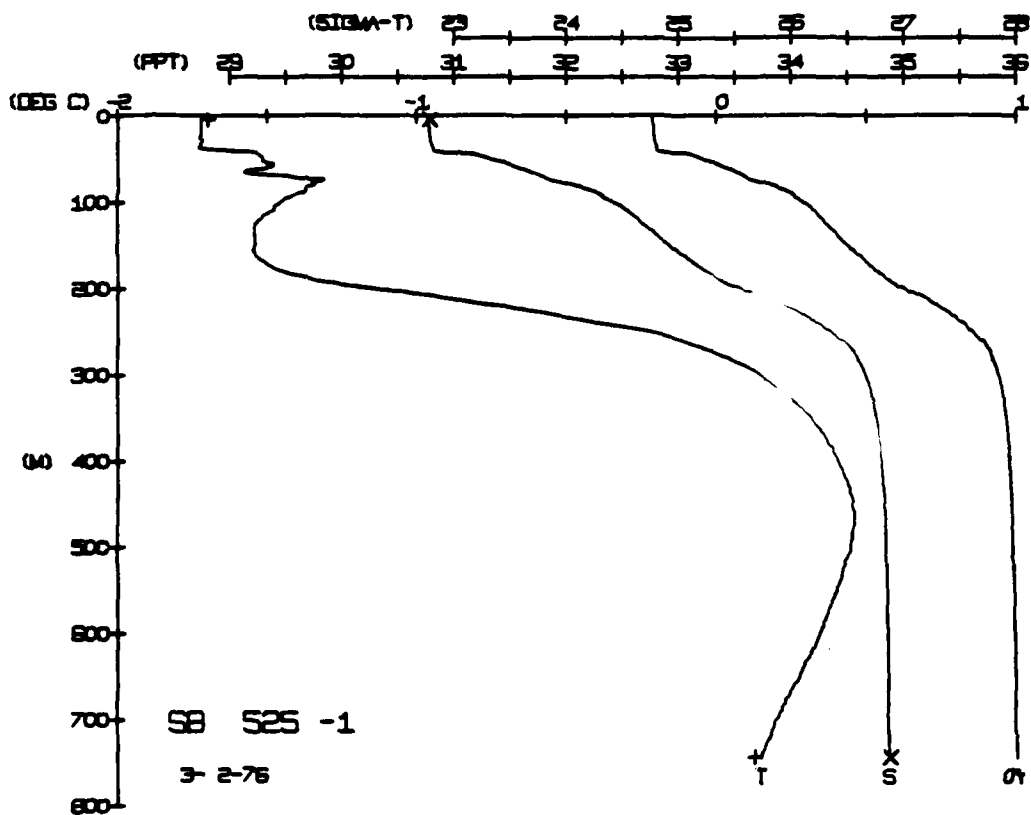
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.71	-1.71	30.79	24.78	317.2	0.0015	1435.4
0.7	1.71	-1.71	30.79	24.78	317.2	0.0016	1435.4
1.5	1.71	-1.71	30.79	24.78	317.2	0.0032	1435.6
19.0	1.71	-1.71	30.79	24.78	317.2	0.0048	1435.7
25.0	1.71	-1.71	30.79	24.78	317.2	0.0064	1435.7
35.0	1.71	-1.71	30.79	24.78	317.2	0.0080	1435.7
45.0	1.71	-1.71	30.79	24.78	317.2	0.0096	1435.7
55.0	1.71	-1.71	30.79	24.78	317.2	0.0112	1435.7
65.0	1.71	-1.71	30.79	24.78	317.2	0.0128	1435.7
75.0	1.71	-1.71	30.79	24.78	317.2	0.0144	1435.7
85.0	1.71	-1.71	30.79	24.78	317.2	0.0160	1435.7
95.0	1.71	-1.71	30.79	24.78	317.2	0.0176	1435.7
100.0	1.71	-1.71	30.79	24.78	317.2	0.0192	1435.7
110.0	1.71	-1.71	30.79	24.78	317.2	0.0208	1435.7
120.0	1.71	-1.71	30.79	24.78	317.2	0.0224	1435.7
130.0	1.71	-1.71	30.79	24.78	317.2	0.0240	1435.7
140.0	1.71	-1.71	30.79	24.78	317.2	0.0256	1435.7
150.0	1.71	-1.71	30.79	24.78	317.2	0.0272	1435.7
160.0	1.71	-1.71	30.79	24.78	317.2	0.0288	1435.7
170.0	1.71	-1.71	30.79	24.78	317.2	0.0304	1435.7
180.0	1.71	-1.71	30.79	24.78	317.2	0.0320	1435.7
190.0	1.71	-1.71	30.79	24.78	317.2	0.0336	1435.7
200.0	1.71	-1.71	30.79	24.78	317.2	0.0352	1435.7
210.0	1.71	-1.71	30.79	24.78	317.2	0.0368	1435.7
220.0	1.71	-1.71	30.79	24.78	317.2	0.0384	1435.7
230.0	1.71	-1.71	30.79	24.78	317.2	0.0400	1435.7
240.0	1.71	-1.71	30.79	24.78	317.2	0.0416	1435.7
250.0	1.71	-1.71	30.79	24.78	317.2	0.0432	1435.7
260.0	1.71	-1.71	30.79	24.78	317.2	0.0448	1435.7
270.0	1.71	-1.71	30.79	24.78	317.2	0.0464	1435.7
280.0	1.71	-1.71	30.79	24.78	317.2	0.0480	1435.7
290.0	1.71	-1.71	30.79	24.78	317.2	0.0496	1435.7
300.0	1.71	-1.71	30.79	24.78	317.2	0.0512	1435.7
310.0	1.71	-1.71	30.79	24.78	317.2	0.0528	1435.7
320.0	1.71	-1.71	30.79	24.78	317.2	0.0544	1435.7
330.0	1.71	-1.71	30.79	24.78	317.2	0.0560	1435.7
340.0	1.71	-1.71	30.79	24.78	317.2	0.0576	1435.7
350.0	1.71	-1.71	30.79	24.78	317.2	0.0592	1435.7
360.0	1.71	-1.71	30.79	24.78	317.2	0.0608	1435.7
370.0	1.71	-1.71	30.79	24.78	317.2	0.0624	1435.7
380.0	1.71	-1.71	30.79	24.78	317.2	0.0640	1435.7
390.0	1.71	-1.71	30.79	24.78	317.2	0.0656	1435.7
400.0	1.71	-1.71	30.79	24.78	317.2	0.0672	1435.7
410.0	1.71	-1.71	30.79	24.78	317.2	0.0688	1435.7
420.0	1.71	-1.71	30.79	24.78	317.2	0.0704	1435.7
430.0	1.71	-1.71	30.79	24.78	317.2	0.0720	1435.7
440.0	1.71	-1.71	30.79	24.78	317.2	0.0736	1435.7
450.0	1.71	-1.71	30.79	24.78	317.2	0.0752	1435.7
460.0	1.71	-1.71	30.79	24.78	317.2	0.0768	1435.7
470.0	1.71	-1.71	30.79	24.78	317.2	0.0784	1435.7
480.0	1.71	-1.71	30.79	24.78	317.2	0.0800	1435.7
490.0	1.71	-1.71	30.79	24.78	317.2	0.0816	1435.7
500.0	1.71	-1.71	30.79	24.78	317.2	0.0832	1435.7
510.0	1.71	-1.71	30.79	24.78	317.2	0.0848	1435.7
520.0	1.71	-1.71	30.79	24.78	317.2	0.0864	1435.7
530.0	1.71	-1.71	30.79	24.78	317.2	0.0880	1435.7
540.0	1.71	-1.71	30.79	24.78	317.2	0.0896	1435.7
550.0	1.71	-1.71	30.79	24.78	317.2	0.0912	1435.7
560.0	1.71	-1.71	30.79	24.78	317.2	0.0928	1435.7
570.0	1.71	-1.71	30.79	24.78	317.2	0.0944	1435.7
580.0	1.71	-1.71	30.79	24.78	317.2	0.0960	1435.7
590.0	1.71	-1.71	30.79	24.78	317.2	0.0976	1435.7
600.0	1.71	-1.71	30.79	24.78	317.2	0.0992	1435.7
610.0	1.71	-1.71	30.79	24.78	317.2	0.1008	1435.7
620.0	1.71	-1.71	30.79	24.78	317.2	0.1024	1435.7
630.0	1.71	-1.71	30.79	24.78	317.2	0.1040	1435.7
640.0	1.71	-1.71	30.79	24.78	317.2	0.1056	1435.7
650.0	1.71	-1.71	30.79	24.78	317.2	0.1072	1435.7
660.0	1.71	-1.71	30.79	24.78	317.2	0.1088	1435.7
670.0	1.71	-1.71	30.79	24.78	317.2	0.1104	1435.7
680.0	1.71	-1.71	30.79	24.78	317.2	0.1120	1435.7
690.0	1.71	-1.71	30.79	24.78	317.2	0.1136	1435.7
700.0	1.71	-1.71	30.79	24.78	317.2	0.1152	1435.7
710.0	1.71	-1.71	30.79	24.78	317.2	0.1168	1435.7
720.0	1.71	-1.71	30.79	24.78	317.2	0.1184	1435.7
730.0	1.71	-1.71	30.79	24.78	317.2	0.1200	1435.7
740.0	1.71	-1.71	30.79	24.78	317.2	0.1216	1435.7

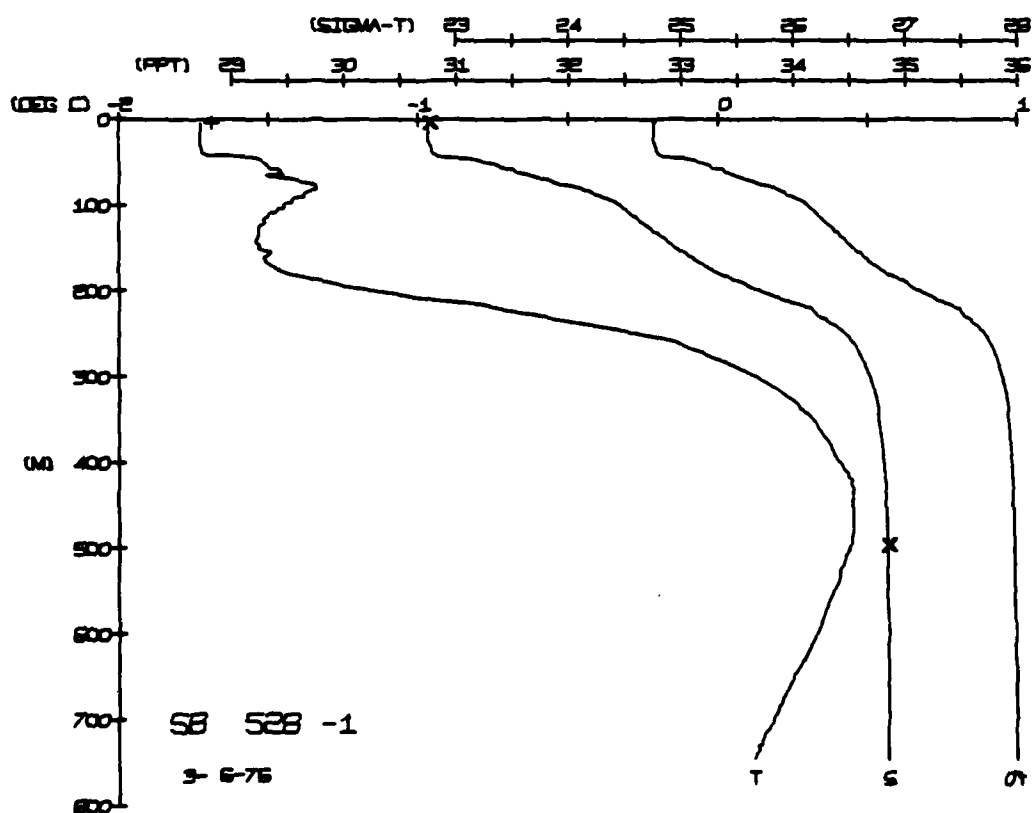
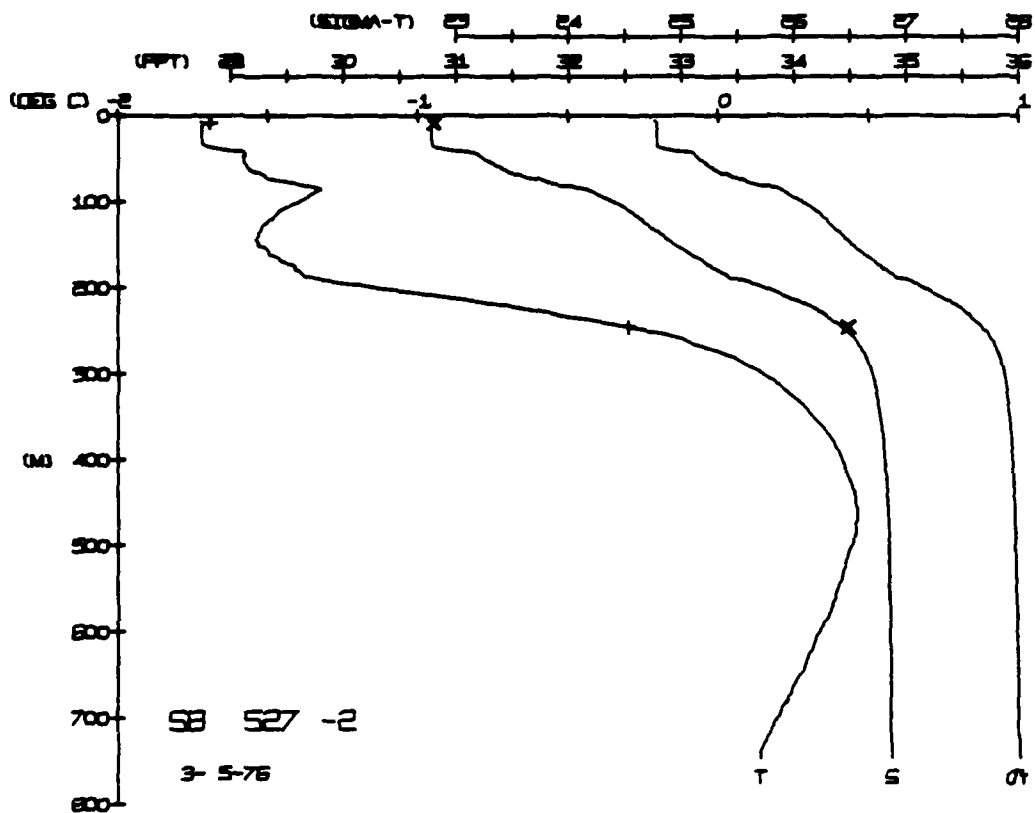
DEPTH 4.7
 TEMP -1.39
 SALIN 30.82
 BUT NUM = 1
 HUT NUM = 2

SNOWBIRD STATION 524(1) STD 1/MAR/1976 1800 GMT CODE = 2
 LAT = 73.7985N LNG = 144.7525W LTER = 3 UGER = 3
 AIR TEMP = -19.3 BAROM = 1019.1 WIND = 41.2 SPEED = 18.4

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0	71	-1	30.81	24.81	315.2	0.0015	1435.4
48	71	-1	30.81	24.81	315.2	0.0016	1435.4
50	71	-1	30.81	24.81	315.2	0.0032	1435.5
100	71	-1	30.81	24.81	315.2	0.0048	1435.5
200	71	-1	30.81	24.81	315.2	0.0064	1435.5
300	71	-1	30.81	24.81	315.2	0.0080	1435.5
400	71	-1	30.81	24.81	315.2	0.0096	1435.5
500	71	-1	30.81	24.81	315.2	0.0112	1435.5
600	71	-1	30.81	24.81	315.2	0.0128	1435.5
700	71	-1	30.81	24.81	315.2	0.0144	1435.5
800	71	-1	30.81	24.81	315.2	0.0160	1435.5
900	71	-1	30.81	24.81	315.2	0.0176	1435.5
1000	71	-1	30.81	24.81	315.2	0.0192	1435.5
1100	71	-1	30.81	24.81	315.2	0.0208	1435.5
1200	71	-1	30.81	24.81	315.2	0.0224	1435.5
1300	71	-1	30.81	24.81	315.2	0.0240	1435.5
1400	71	-1	30.81	24.81	315.2	0.0256	1435.5
1500	71	-1	30.81	24.81	315.2	0.0272	1435.5
1600	71	-1	30.81	24.81	315.2	0.0288	1435.5
1700	71	-1	30.81	24.81	315.2	0.0304	1435.5
1800	71	-1	30.81	24.81	315.2	0.0320	1435.5
1900	71	-1	30.81	24.81	315.2	0.0336	1435.5
2000	71	-1	30.81	24.81	315.2	0.0352	1435.5
2100	71	-1	30.81	24.81	315.2	0.0368	1435.5
2200	71	-1	30.81	24.81	315.2	0.0384	1435.5
2300	71	-1	30.81	24.81	315.2	0.0400	1435.5
2400	71	-1	30.81	24.81	315.2	0.0416	1435.5
2500	71	-1	30.81	24.81	315.2	0.0432	1435.5
2600	71	-1	30.81	24.81	315.2	0.0448	1435.5
2700	71	-1	30.81	24.81	315.2	0.0464	1435.5
2800	71	-1	30.81	24.81	315.2	0.0480	1435.5
2900	71	-1	30.81	24.81	315.2	0.0496	1435.5
3000	71	-1	30.81	24.81	315.2	0.0512	1435.5
3100	71	-1	30.81	24.81	315.2	0.0528	1435.5
3200	71	-1	30.81	24.81	315.2	0.0544	1435.5
3300	71	-1	30.81	24.81	315.2	0.0560	1435.5
3400	71	-1	30.81	24.81	315.2	0.0576	1435.5
3500	71	-1	30.81	24.81	315.2	0.0592	1435.5
3600	71	-1	30.81	24.81	315.2	0.0608	1435.5
3700	71	-1	30.81	24.81	315.2	0.0624	1435.5
3800	71	-1	30.81	24.81	315.2	0.0640	1435.5
3900	71	-1	30.81	24.81	315.2	0.0656	1435.5
4000	71	-1	30.81	24.81	315.2	0.0672	1435.5
4100	71	-1	30.81	24.81	315.2	0.0688	1435.5
4200	71	-1	30.81	24.81	315.2	0.0704	1435.5
4300	71	-1	30.81	24.81	315.2	0.0720	1435.5
4400	71	-1	30.81	24.81	315.2	0.0736	1435.5
4500	71	-1	30.81	24.81	315.2	0.0752	1435.5
4600	71	-1	30.81	24.81	315.2	0.0768	1435.5
4700	71	-1	30.81	24.81	315.2	0.0784	1435.5
4800	71	-1	30.81	24.81	315.2	0.0800	1435.5
4900	71	-1	30.81	24.81	315.2	0.0816	1435.5
5000	71	-1	30.81	24.81	315.2	0.0832	1435.5
5100	71	-1	30.81	24.81	315.2	0.0848	1435.5
5200	71	-1	30.81	24.81	315.2	0.0864	1435.5
5300	71	-1	30.81	24.81	315.2	0.0880	1435.5
5400	71	-1	30.81	24.81	315.2	0.0896	1435.5
5500	71	-1	30.81	24.81	315.2	0.0912	1435.5
5600	71	-1	30.81	24.81	315.2	0.0928	1435.5
5700	71	-1	30.81	24.81	315.2	0.0944	1435.5
5800	71	-1	30.81	24.81	315.2	0.0960	1435.5
5900	71	-1	30.81	24.81	315.2	0.0976	1435.5
6000	71	-1	30.81	24.81	315.2	0.0992	1435.5
6100	71	-1	30.81	24.81	315.2	0.1008	1435.5
6200	71	-1	30.81	24.81	315.2	0.1024	1435.5
6300	71	-1	30.81	24.81	315.2	0.1040	1435.5
6400	71	-1	30.81	24.81	315.2	0.1056	1435.5
6500	71	-1	30.81	24.81	315.2	0.1072	1435.5
6600	71	-1	30.81	24.81	315.2	0.1088	1435.5
6700	71	-1	30.81	24.81	315.2	0.1104	1435.5
6800	71	-1	30.81	24.81	315.2	0.1120	1435.5
6900	71	-1	30.81	24.81	315.2	0.1136	1435.5
7000	71	-1	30.81	24.81	315.2	0.1152	1435.5







SNOWBIRD STATION 530(1) STD 1/APR/1976 29 GMT CODE = 1
LAT = 73.3681N LNG = 145.3843W LTER = 3.
AIR TEMP = -20.9 BARUM = 1017.4 WIND = 11.4 SPEED = 18.2

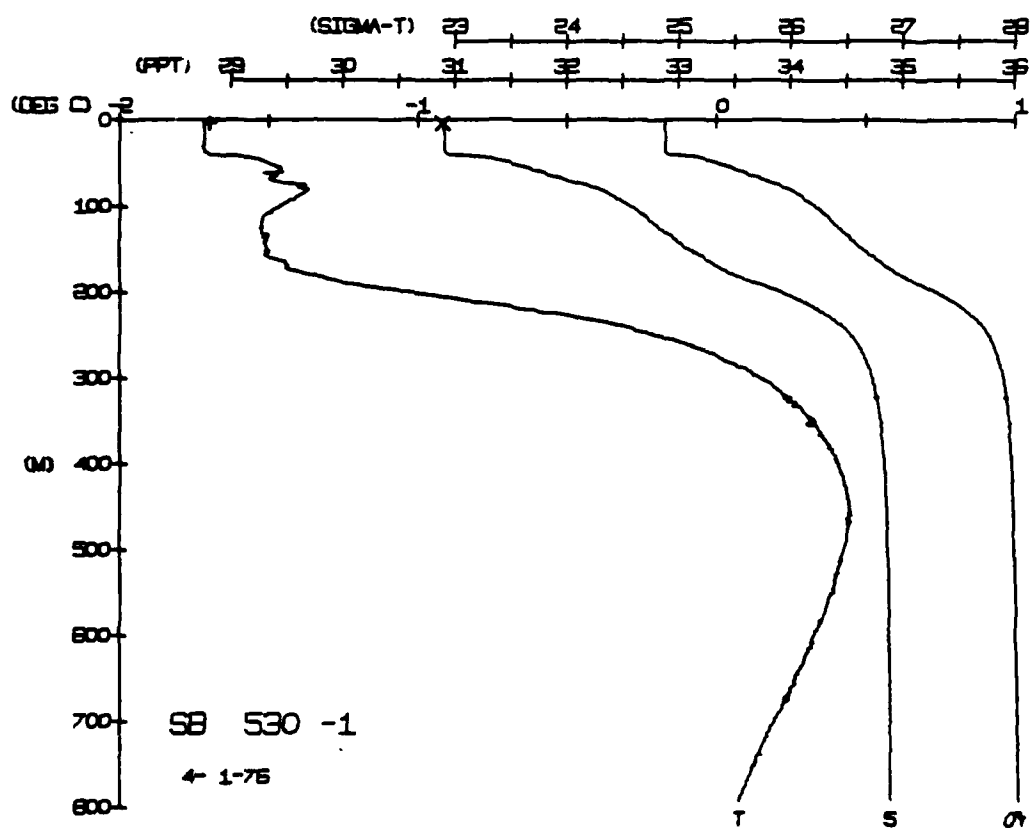
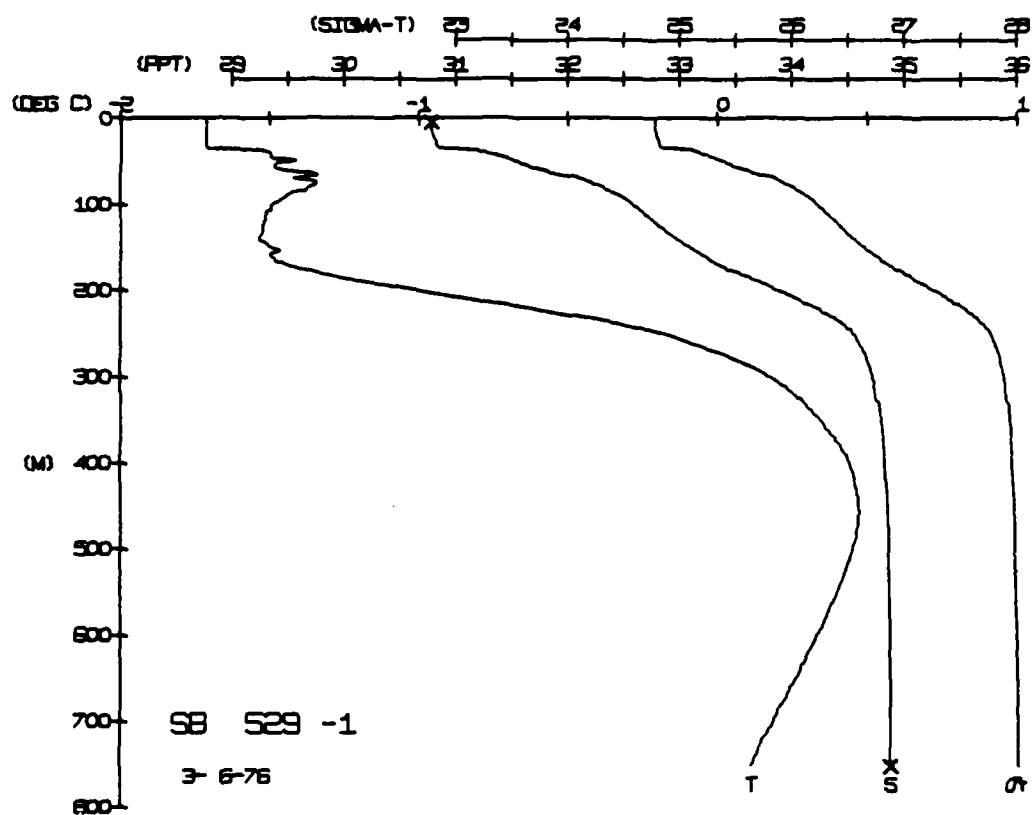
[illegible]

BUT	NUM	=	1
BUT	NUM	=	2

TEMP.	SALIN.
30.78	
34.89	

DEPTH	TEMP.
HOT NUM = 1	3.3
	-1.70

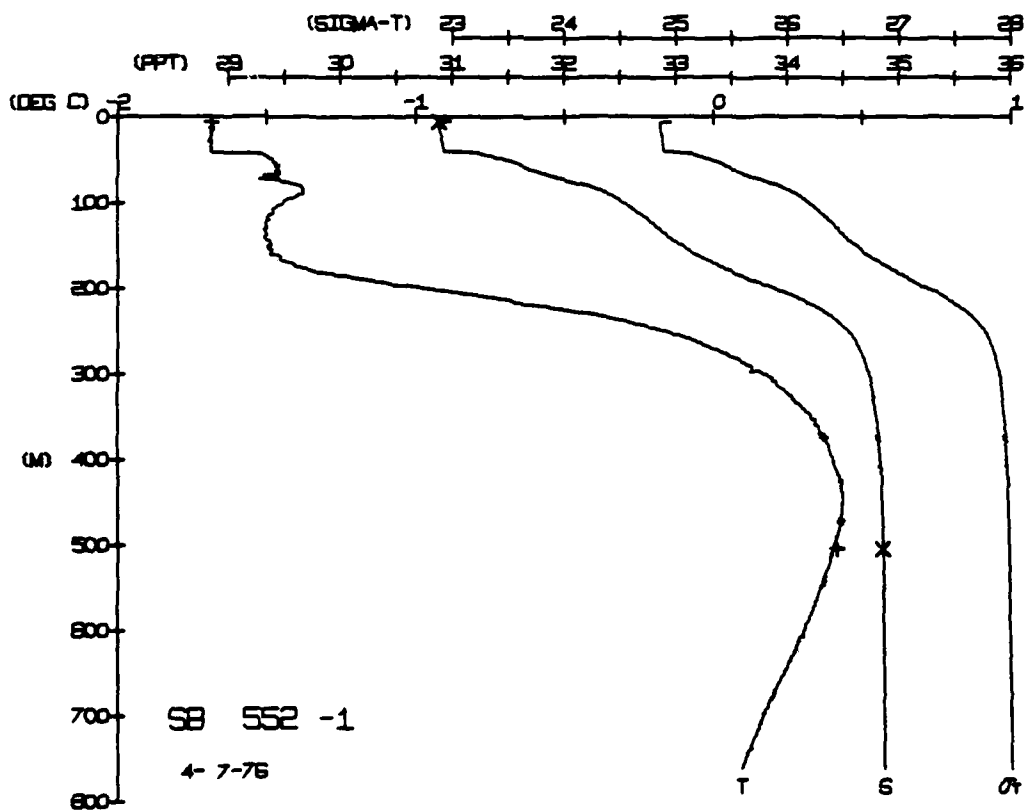
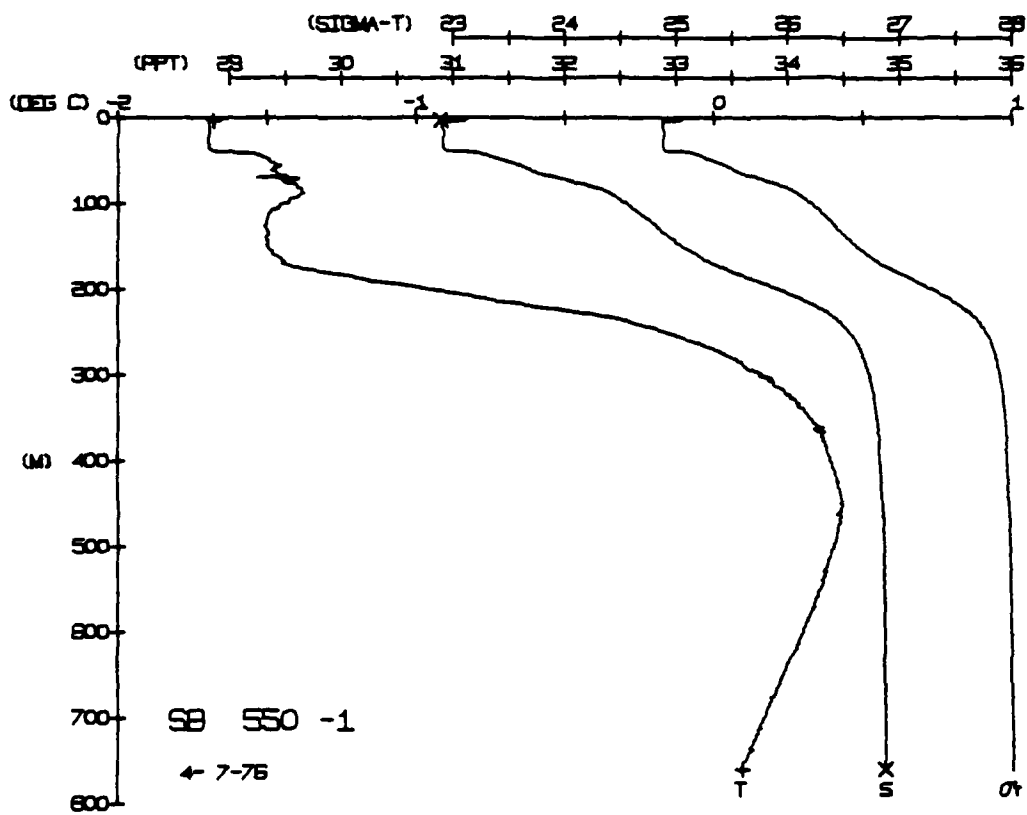
SALIN
30.89



SNOWBIRD STATION 552(1) STD 7/APR/1976 1800 GMT CODE = 1
LAT = 73.3670N LNG = 145.5616W ITER = 3.
ALH TEMP = -22.0 HANUM = 1022.0 WIND = 253.7 SPEED = 12.0

DEPTH	TEMP	PTFMP	SALIN	SIG T	SPVUL	DYHMT	SOUND
0.5	69.0	1.69	31.1	0.3	293.4	0.0	1435.5
1.5	69.0	1.70	31.1	0.3	297.3	0.0	1435.5
2.5	69.0	1.71	31.1	0.3	300.8	0.0	1435.5
3.5	69.0	1.72	31.1	0.3	307.1	0.0	1435.5
4.5	69.0	1.73	31.1	0.3	307.1	0.0	1435.5
5.5	69.0	1.74	31.1	0.3	307.1	0.0	1435.5
6.5	69.0	1.75	31.1	0.3	307.1	0.0	1435.5
7.5	69.0	1.76	31.1	0.3	307.1	0.0	1435.5
8.5	69.0	1.77	31.1	0.3	307.1	0.0	1435.5
9.5	69.0	1.78	31.1	0.3	307.1	0.0	1435.5
10.5	69.0	1.79	31.1	0.3	307.1	0.0	1435.5
11.5	69.0	1.80	31.1	0.3	307.1	0.0	1435.5
12.5	69.0	1.81	31.1	0.3	307.1	0.0	1435.5
13.5	69.0	1.82	31.1	0.3	307.1	0.0	1435.5
14.5	69.0	1.83	31.1	0.3	307.1	0.0	1435.5
15.5	69.0	1.84	31.1	0.3	307.1	0.0	1435.5
16.5	69.0	1.85	31.1	0.3	307.1	0.0	1435.5
17.5	69.0	1.86	31.1	0.3	307.1	0.0	1435.5
18.5	69.0	1.87	31.1	0.3	307.1	0.0	1435.5
19.5	69.0	1.88	31.1	0.3	307.1	0.0	1435.5
20.5	69.0	1.89	31.1	0.3	307.1	0.0	1435.5
21.5	69.0	1.90	31.1	0.3	307.1	0.0	1435.5
22.5	69.0	1.91	31.1	0.3	307.1	0.0	1435.5
23.5	69.0	1.92	31.1	0.3	307.1	0.0	1435.5
24.5	69.0	1.93	31.1	0.3	307.1	0.0	1435.5
25.5	69.0	1.94	31.1	0.3	307.1	0.0	1435.5
26.5	69.0	1.95	31.1	0.3	307.1	0.0	1435.5
27.5	69.0	1.96	31.1	0.3	307.1	0.0	1435.5
28.5	69.0	1.97	31.1	0.3	307.1	0.0	1435.5
29.5	69.0	1.98	31.1	0.3	307.1	0.0	1435.5
30.5	69.0	1.99	31.1	0.3	307.1	0.0	1435.5
31.5	69.0	2.00	31.1	0.3	307.1	0.0	1435.5
32.5	69.0	2.01	31.1	0.3	307.1	0.0	1435.5
33.5	69.0	2.02	31.1	0.3	307.1	0.0	1435.5
34.5	69.0	2.03	31.1	0.3	307.1	0.0	1435.5
35.5	69.0	2.04	31.1	0.3	307.1	0.0	1435.5
36.5	69.0	2.05	31.1	0.3	307.1	0.0	1435.5
37.5	69.0	2.06	31.1	0.3	307.1	0.0	1435.5
38.5	69.0	2.07	31.1	0.3	307.1	0.0	1435.5
39.5	69.0	2.08	31.1	0.3	307.1	0.0	1435.5
40.5	69.0	2.09	31.1	0.3	307.1	0.0	1435.5
41.5	69.0	2.10	31.1	0.3	307.1	0.0	1435.5
42.5	69.0	2.11	31.1	0.3	307.1	0.0	1435.5
43.5	69.0	2.12	31.1	0.3	307.1	0.0	1435.5
44.5	69.0	2.13	31.1	0.3	307.1	0.0	1435.5
45.5	69.0	2.14	31.1	0.3	307.1	0.0	1435.5
46.5	69.0	2.15	31.1	0.3	307.1	0.0	1435.5
47.5	69.0	2.16	31.1	0.3	307.1	0.0	1435.5
48.5	69.0	2.17	31.1	0.3	307.1	0.0	1435.5
49.5	69.0	2.18	31.1	0.3	307.1	0.0	1435.5
50.5	69.0	2.19	31.1	0.3	307.1	0.0	1435.5
51.5	69.0	2.20	31.1	0.3	30		

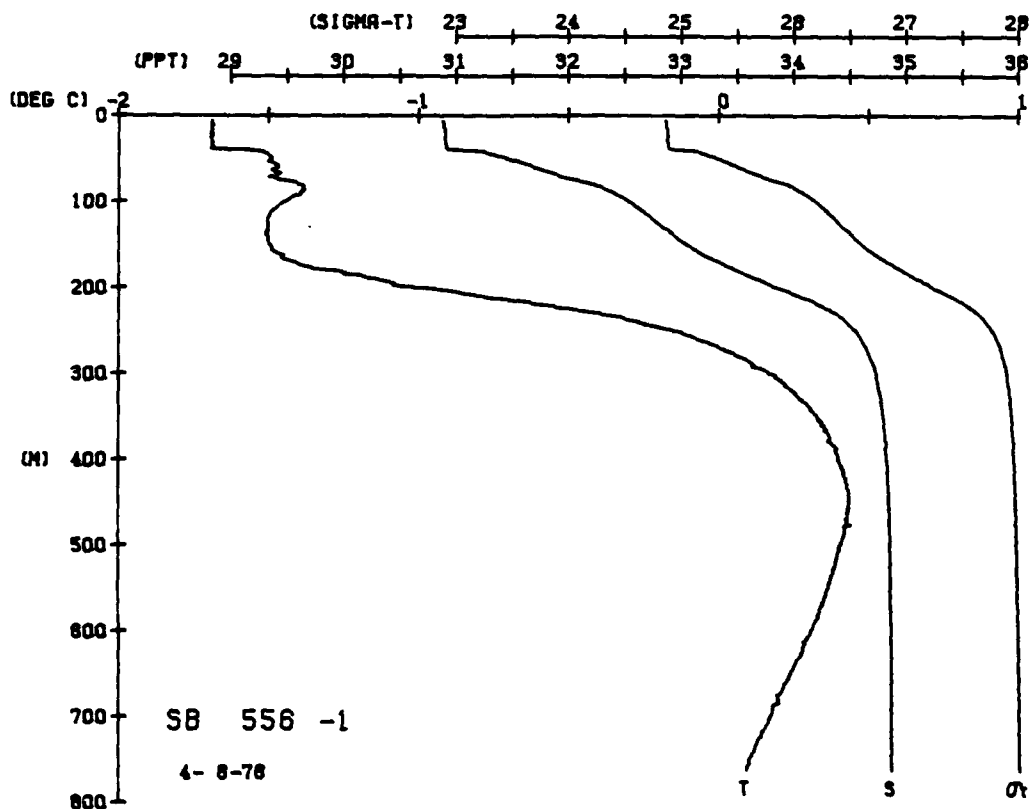
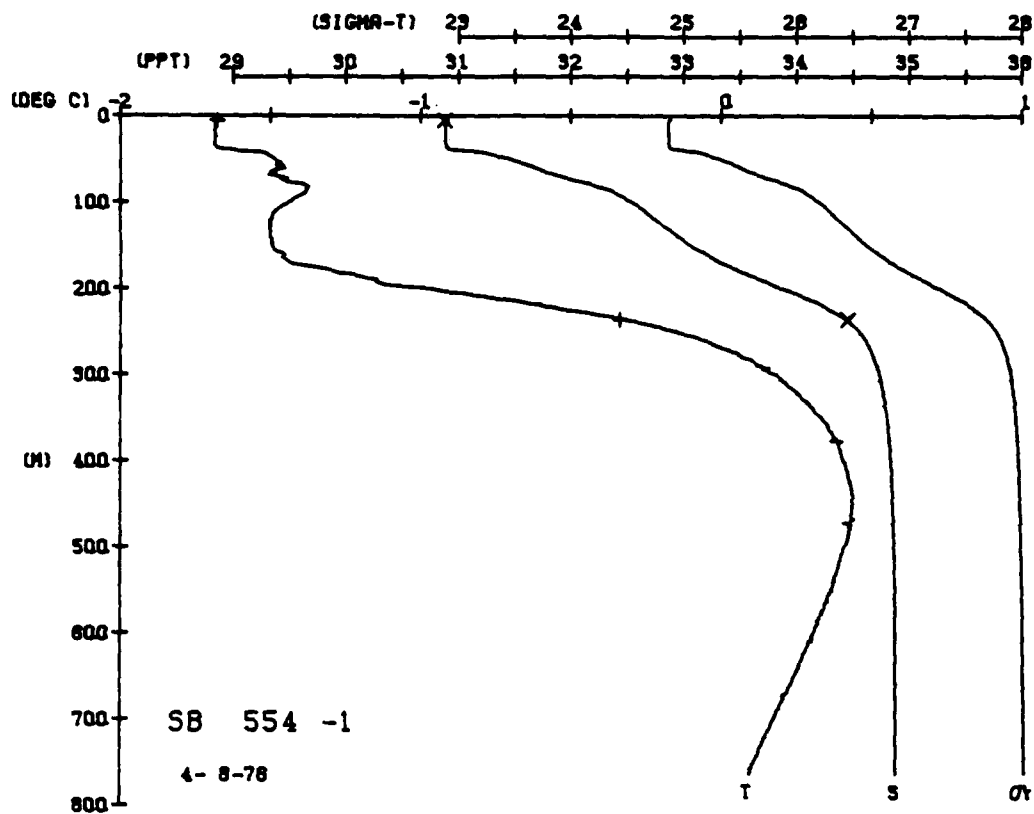
[illegible]

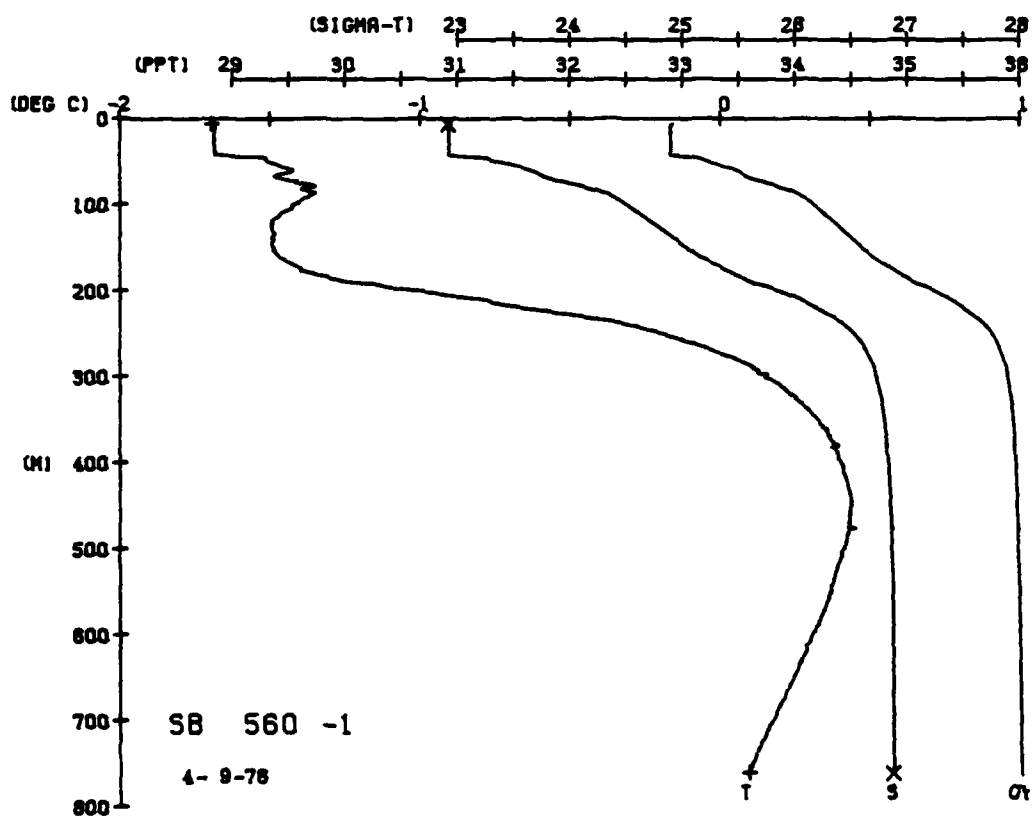
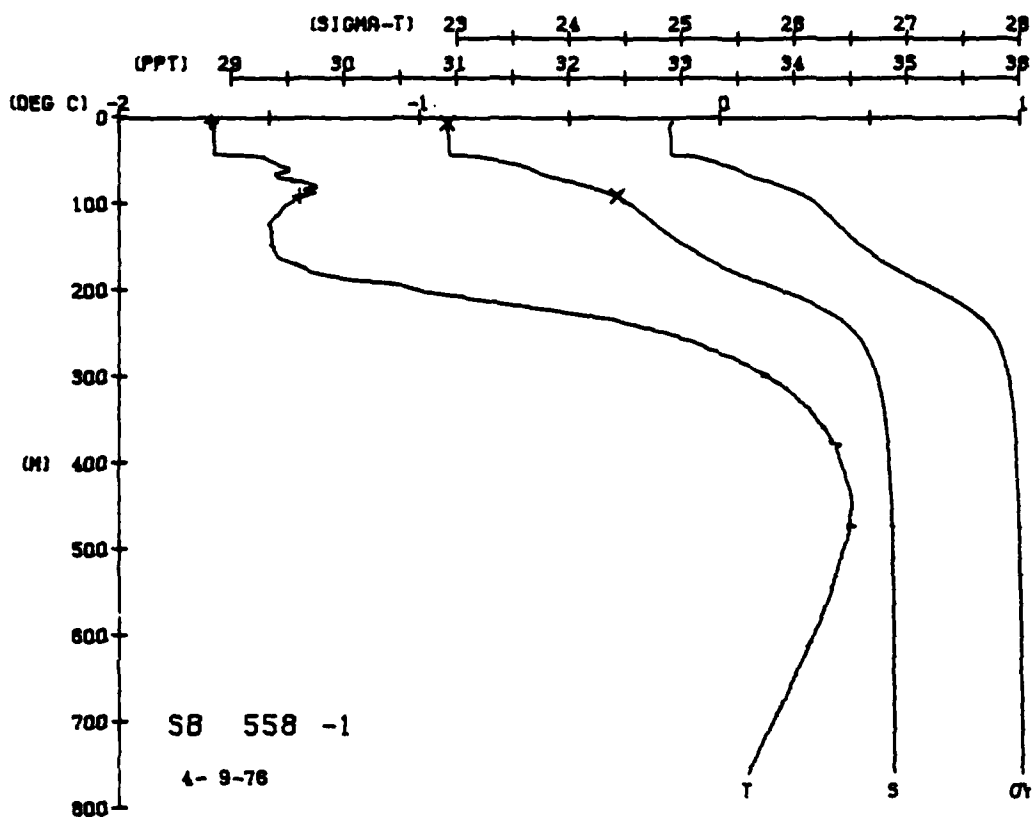


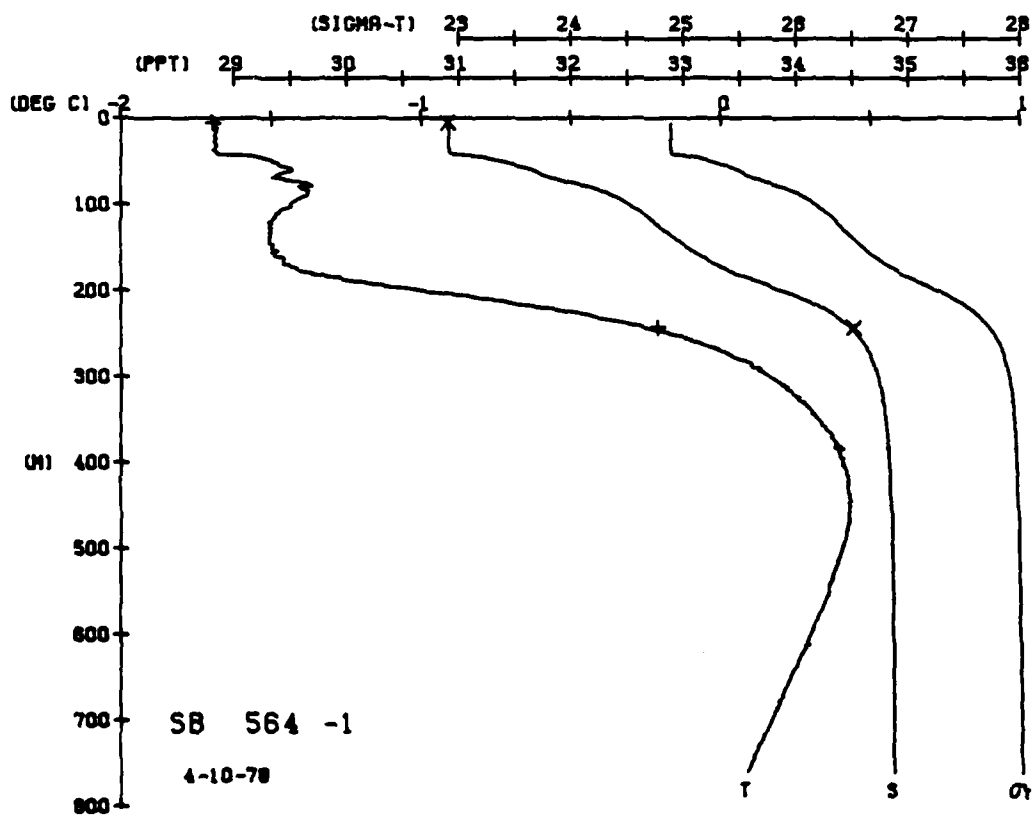
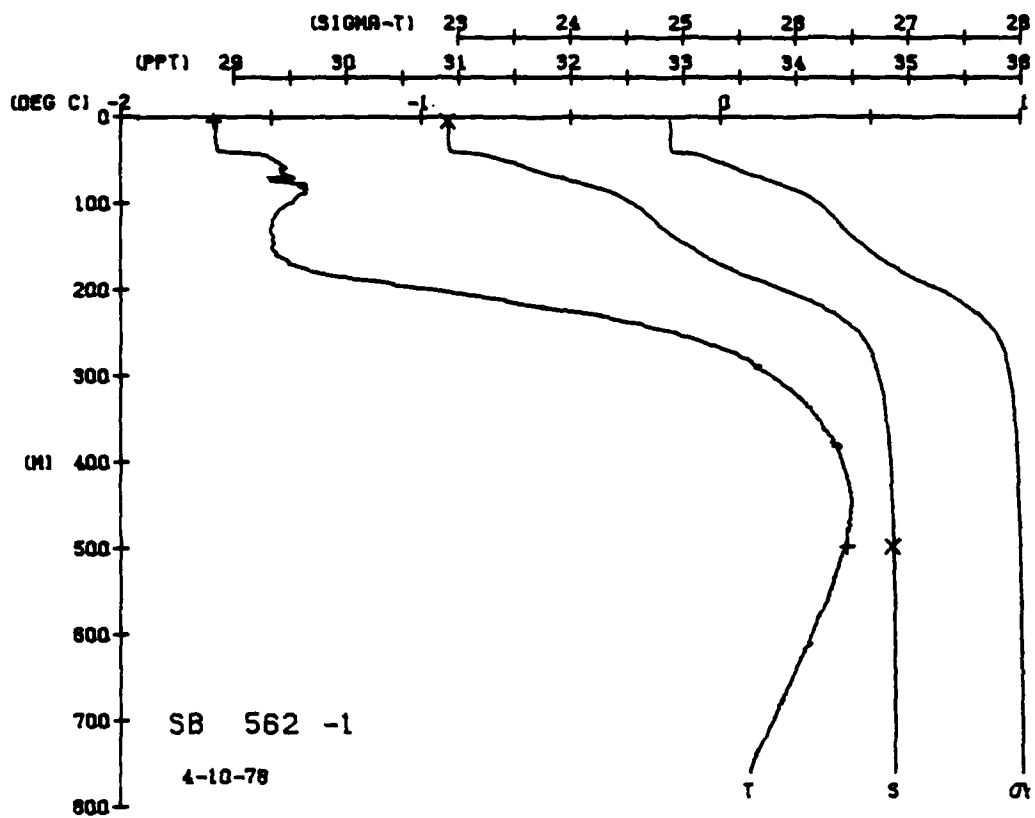
SSNOWBIRD STATION 556(1) STD A/APR/1976 1800 GMT CODE = 1
LAT = 73.3747N LNG = 145.5785W LTER = 0 I.GFR = 0
AIR TEMP = -18.0 BAROM = 1021.8 WIND = 108.8 SPEED = 55.9

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.5	16.99	16.99	30.00	88.88	310.0	0016	4335
1.0	16.99	16.99	30.00	88.88	310.0	0016	4335
1.5	16.99	16.99	30.00	88.88	310.0	0016	4335
2.0	16.99	16.99	30.00	88.88	310.0	0016	4335
2.5	16.99	16.99	30.00	88.88	310.0	0016	4335
3.0	16.99	16.99	30.00	88.88	310.0	0016	4335
3.5	16.99	16.99	30.00	88.88	310.0	0016	4335
4.0	16.99	16.99	30.00	88.88	310.0	0016	4335
4.5	16.99	16.99	30.00	88.88	310.0	0016	4335
5.0	16.99	16.99	30.00	88.88	310.0	0016	4335
5.5	16.99	16.99	30.00	88.88	310.0	0016	4335
6.0	16.99	16.99	30.00	88.88	310.0	0016	4335
6.5	16.99	16.99	30.00	88.88	310.0	0016	4335
7.0	16.99	16.99	30.00	88.88	310.0	0016	4335
7.5	16.99	16.99	30.00	88.88	310.0	0016	4335
8.0	16.99	16.99	30.00	88.88	310.0	0016	4335
8.5	16.99	16.99	30.00	88.88	310.0	0016	4335
9.0	16.99	16.99	30.00	88.88	310.0	0016	4335
9.5	16.99	16.99	30.00	88.88	310.0	0016	4335
10.0	16.99	16.99	30.00	88.88	310.0	0016	4335
10.5	16.99	16.99	30.00	88.88	310.0	0016	4335
11.0	16.99	16.99	30.00	88.88	310.0	0016	4335
11.5	16.99	16.99	30.00	88.88	310.0	0016	4335
12.0	16.99	16.99	30.00	88.88	310.0	0016	4335
12.5	16.99	16.99	30.00	88.88	310.0	0016	4335
13.0	16.99	16.99	30.00	88.88	310.0	0016	4335
13.5	16.99	16.99	30.00	88.88	310.0	0016	4335
14.0	16.99	16.99	30.00	88.88	310.0	0016	4335
14.5	16.99	16.99	30.00	88.88	310.0	0016	4335
15.0	16.99	16.99	30.00	88.88	310.0	0016	4335
15.5	16.99	16.99	30.00	88.88	310.0	0016	4335
16.0	16.99	16.99	30.00	88.88	310.0	0016	4335
16.5	16.99	16.99	30.00	88.88	310.0	0016	4335
17.0	16.99	16.99	30.00	88.88	310.0	0016	4335
17.5	16.99	16.99	30.00	88.88	310.0	0016	4335
18.0	16.99	16.99	30.00	88.88	310.0	0016	4335
18.5	16.99	16.99	30.00	88.88	310.0	0016	4335
19.0	16.99	16.99	30.00	88.88	310.0	0016	4335
19.5	16.99	16.99	30.00	88.88	310.0	0016	4335
20.0	16.99	16.99	30.00	88.88	310.0	0016	4335
20.5	16.99	16.99	30.00	88.88	310.0	0016	4335
21.0	16.99	16.99	30.00	88.88	310.0	0016	4335
21.5	16.99	16.99	30.00	88.88	310.0	0016	4335
22.0	16.99	16.99	30.00	88.88	310.0	0016	4335
22.5	16.99	16.99	30.00	88.88	310.0	0016	4335
23.0	16.99	16.99	30.00	88.88	310.0	0016	4335
23.5	16.99	16.99	30.00	88.88	310.0	0016	4335
24.0	16.99	16.99	30.00	88.88	310.0	0016	4335
24.5	16.99	16.99	30.00	88.88	310.0	0016	4335
25.0	16.99						

	DEPTH	TEMP.	SALIN	DEPTH	TEMP.	SALIN
BUT NUM = 1	4.8	-1.68	30.87			
BUT NUM = 2	236.3	-0.34	34.45			

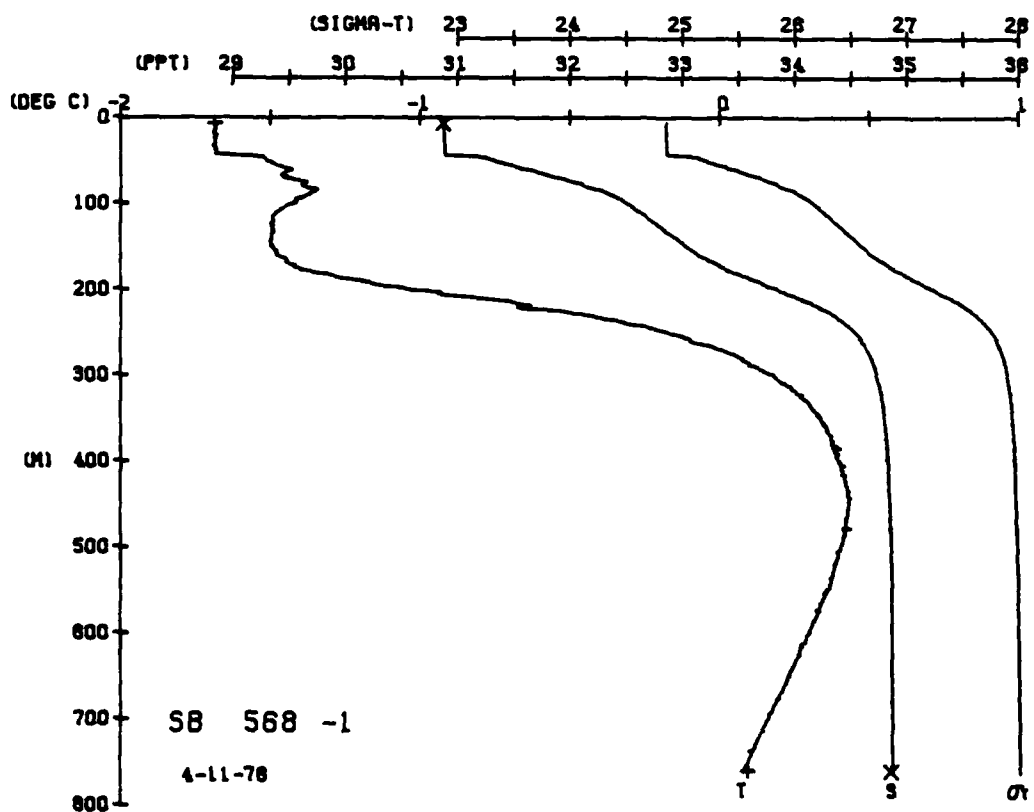
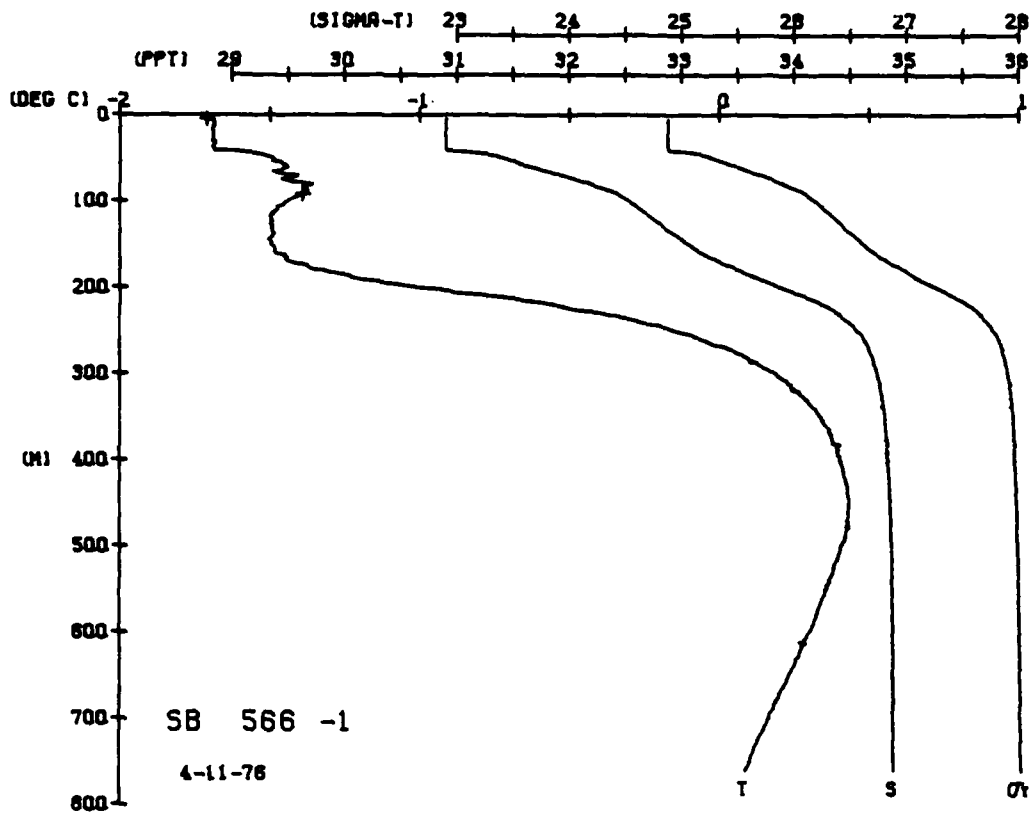






SNOWBIRD STATION 568(1) STD 11/APR/1976 1800 GMT CODE = 1
LAT = 73.3797N LNG = 146.0834W LTER = 1 LGER = 1
AIR TEMP = -19.9 HARUM = 1009.7 WIND = 84.9 SPFED = 71.1

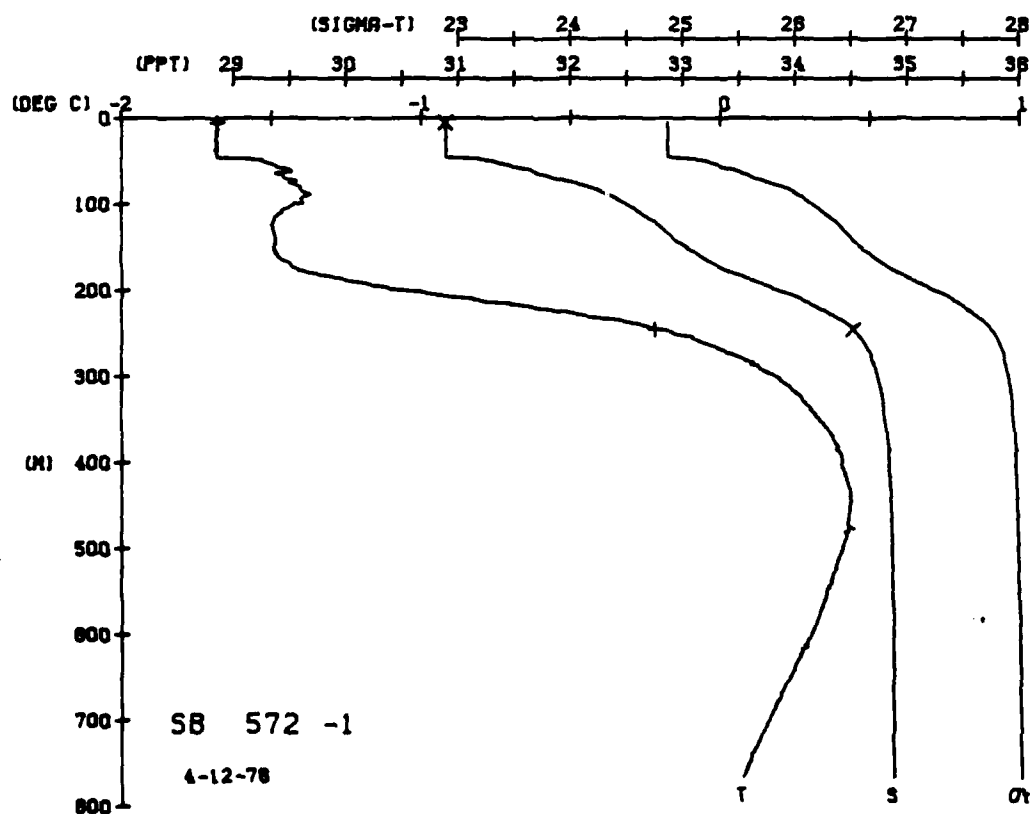
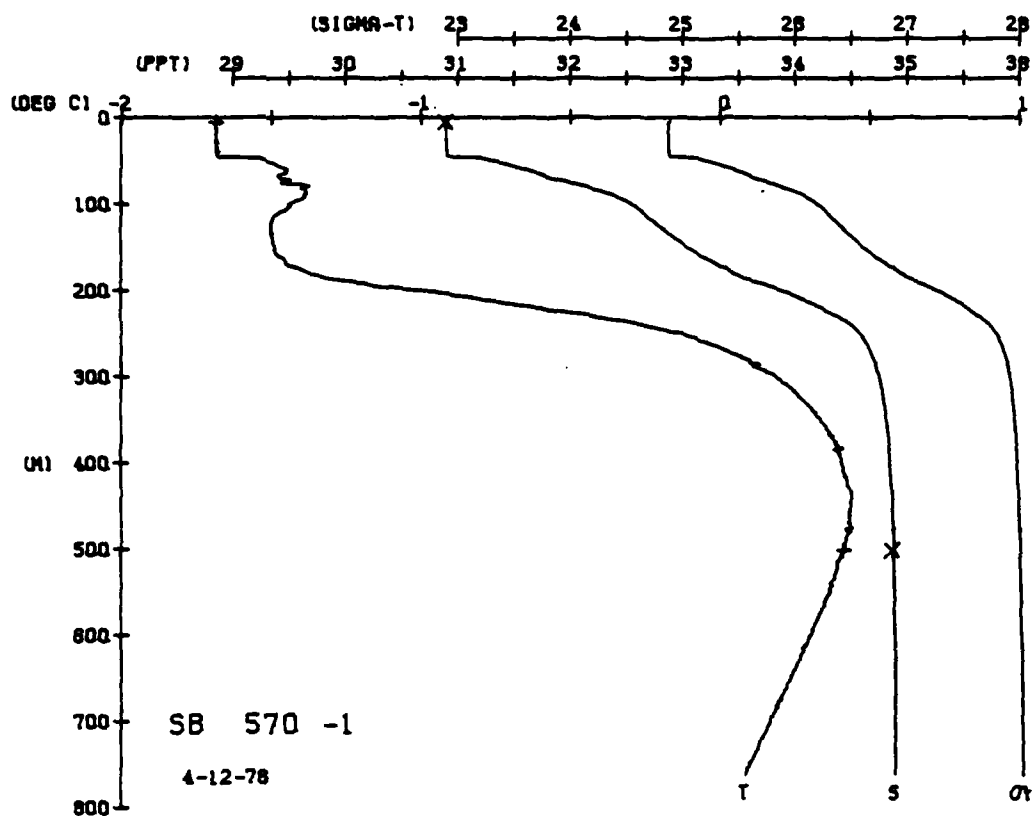
[illegible][illegible]



SNOWBIRD STATION 572(1) STD 12/APR/1976 1806 GMT CODE = 1
LAT = 73.4004N LNG = 146.2173W UTER = 2 LGFR = 3
AIR TEMP = -18.6 BAROM = 1008.3 WIND = 140.3 SPEED = 20.8

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVL	DYNHT	SOUND
0.0	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.1	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.2	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.3	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.4	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.5	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.6	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.7	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.8	68.88	68.88	70.00	88.88	33.33	0.00	1.11
0.9	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.0	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.1	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.2	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.3	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.4	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.5	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.6	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.7	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.8	68.88	68.88	70.00	88.88	33.33	0.00	1.11
1.9	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.0	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.1	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.2	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.3	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.4	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.5	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.6	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.7	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.8	68.88	68.88	70.00	88.88	33.33	0.00	1.11
2.9	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.0	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.1	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.2	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.3	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.4	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.5	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.6	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.7	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.8	68.88	68.88	70.00	88.88	33.33	0.00	1.11
3.9	68.88	68.88	70.00	88.88	33.33	0.00	1.11
4.0	68.88	68.88	70.00	88.88	33.33	0.00	1.11
4.1	68.88	68.88	70.00	88.88	33.33	0.00	1.11
4.2	68.88	68.88	70.00	88.88	33.33	0.00	1.11
4.3	68.88	68.88	70.00	88.88	33.33	0.00	1.11
4.4</							

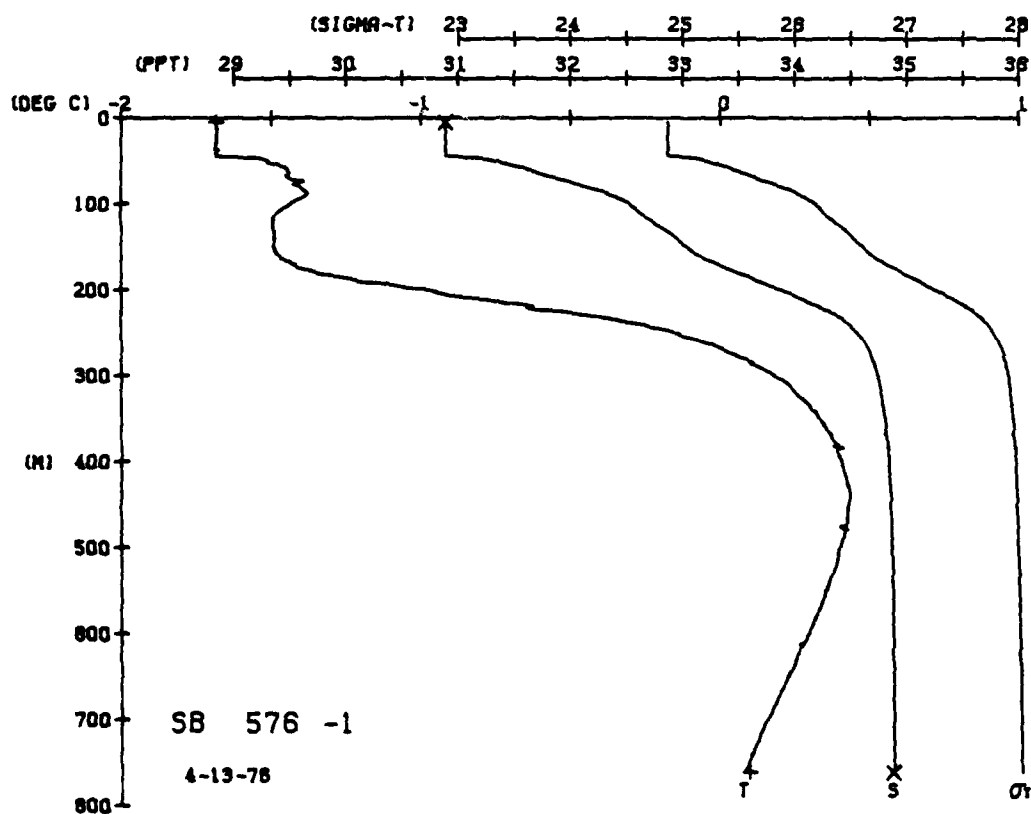
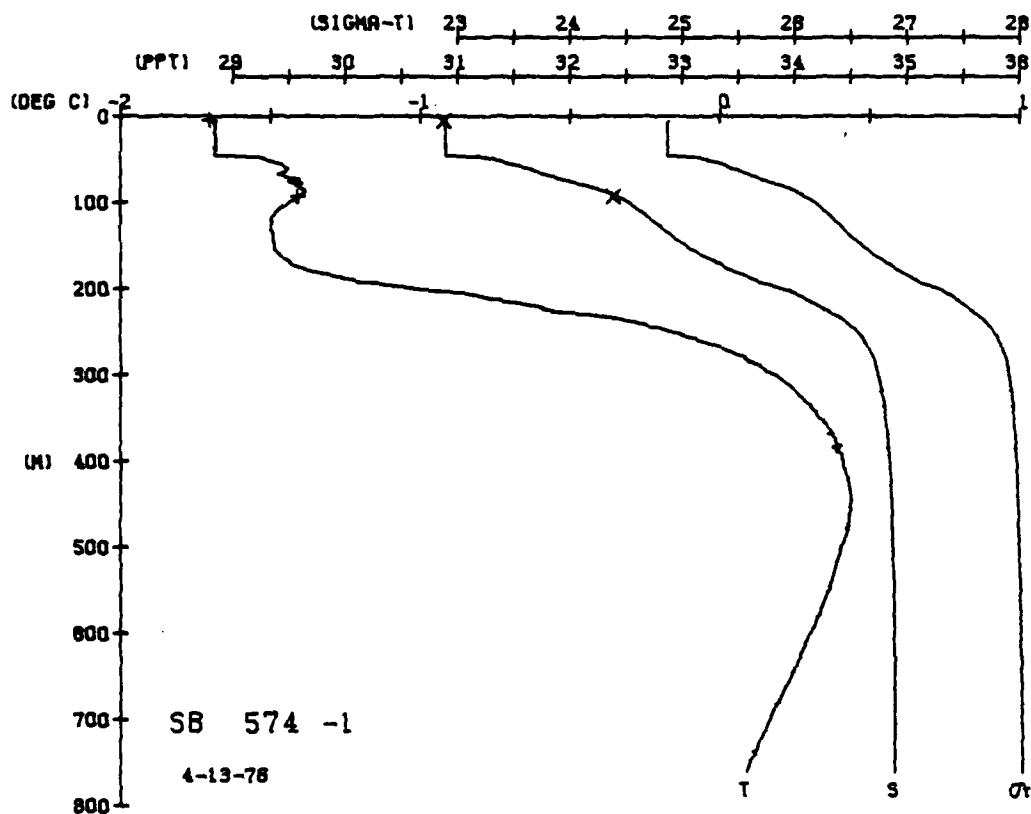
[illegible]



SNOWBIRD STATION 576(1) STD 13/APR/1976 1815 GMT CODE = 1
LAT = 73.3963N LNC = 146.1830W LTR = 1 LGFR = 1
AIR TEMP = -15.3 HARUM = 1004.9 WIND = 74.7 SPEED = 5.3

[illegible]

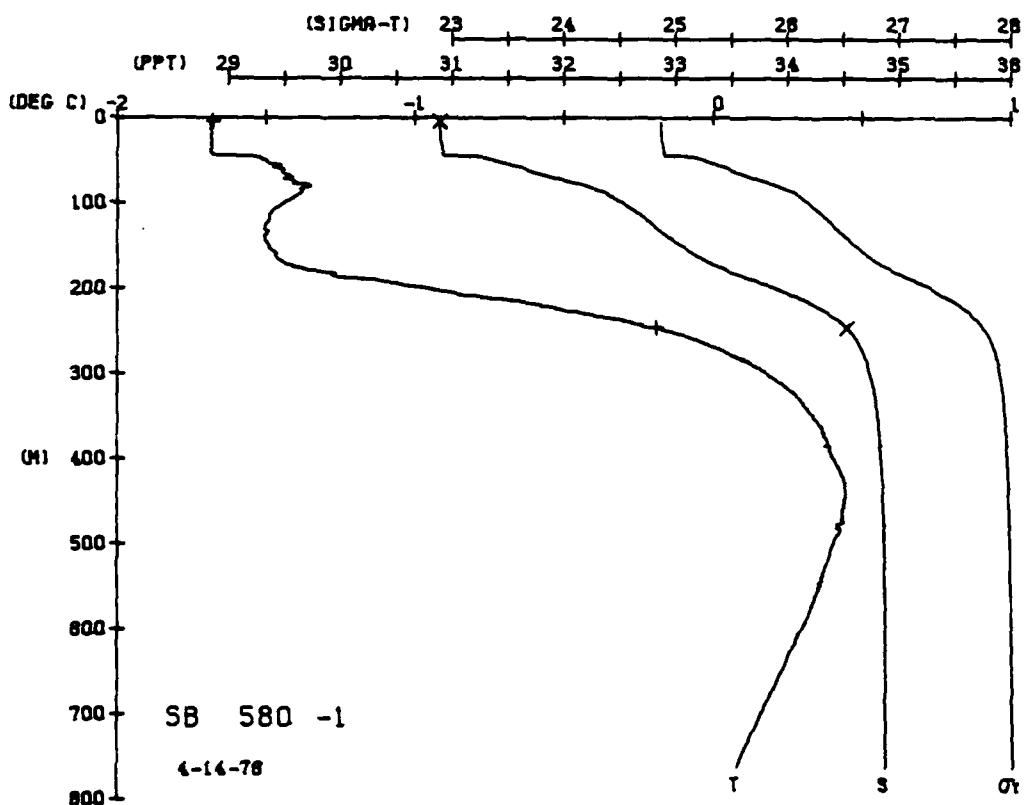
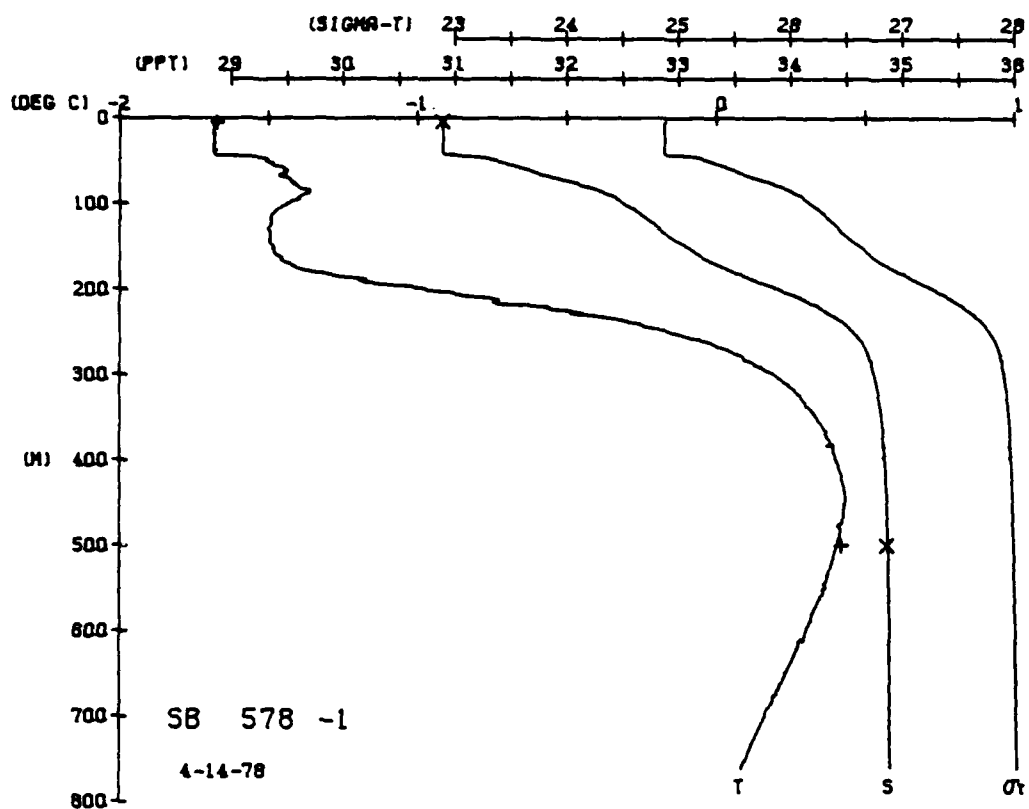
TEMP.	SALIN
-1.69	30.88
0.10	34.88



SNOWBIRD STATION 580(1) STD 14/APR/1976 1900 GMT CONF 2
LAT = 73.3895N LNC = 146.0980W I.TER = 2. LUMIN = 1.1
AIR TEMP = -16.3 BAROM = 1004.6 WIND = 264.8 SPEED = 64.3

[illegible]

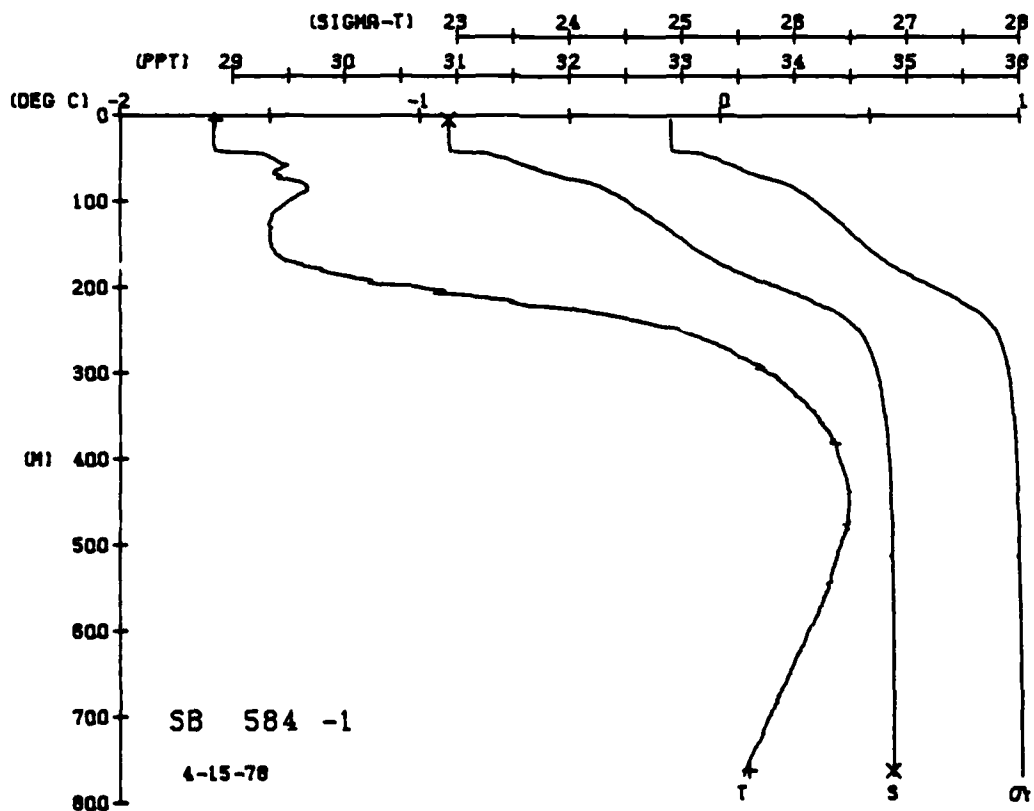
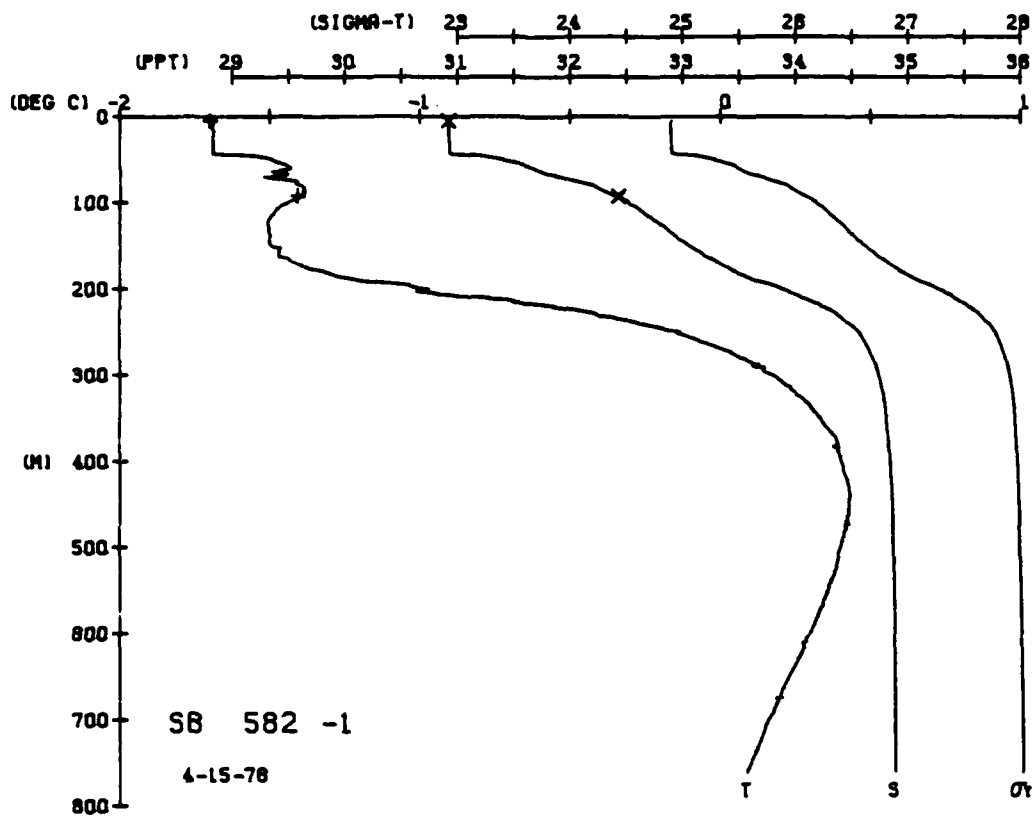
OUT NUM = 1	4.8	-1.68	30.88
OUT NUM = 2	246.1	-0.10	34.53



SNOWBIRD STATION 584(1) STD 15/APR/1976 1813 GMT CODE = 1
LAT = 73.4106N LNC = 145.8636W I.TFR = 1. LGFN = 2.
AIR TEMP = -22.9 BAROM = 1015.4 WIND = 216.3 SPEED = 69.6

[illegible]

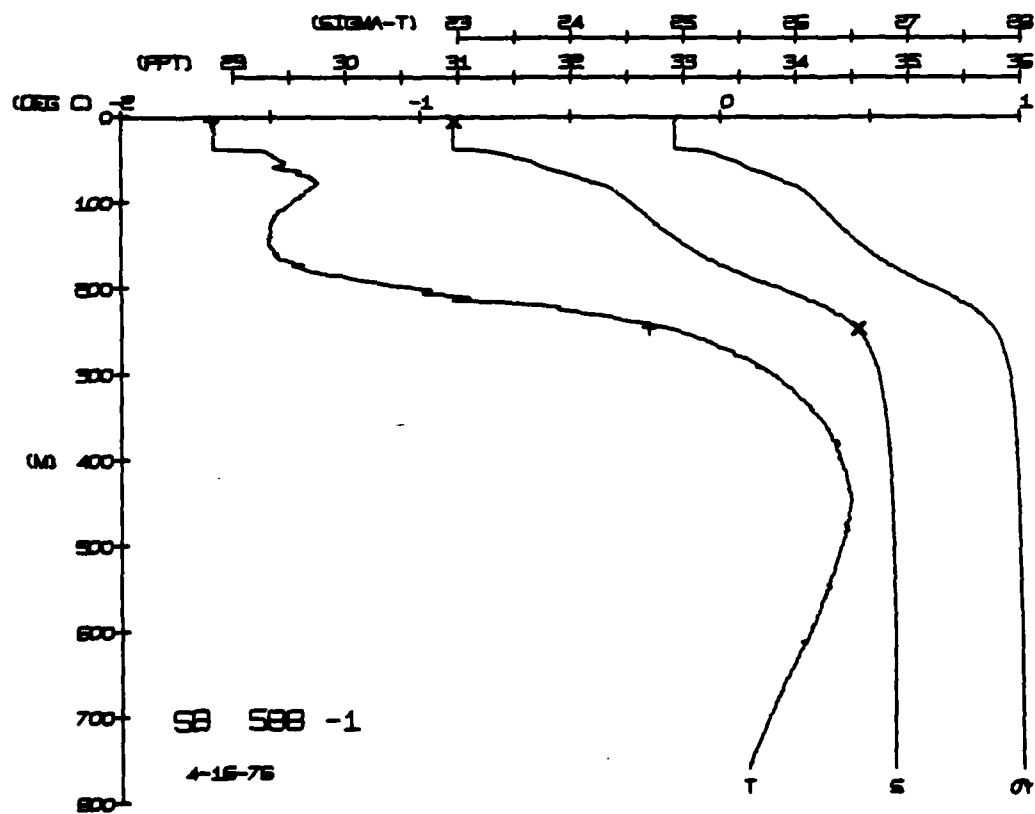
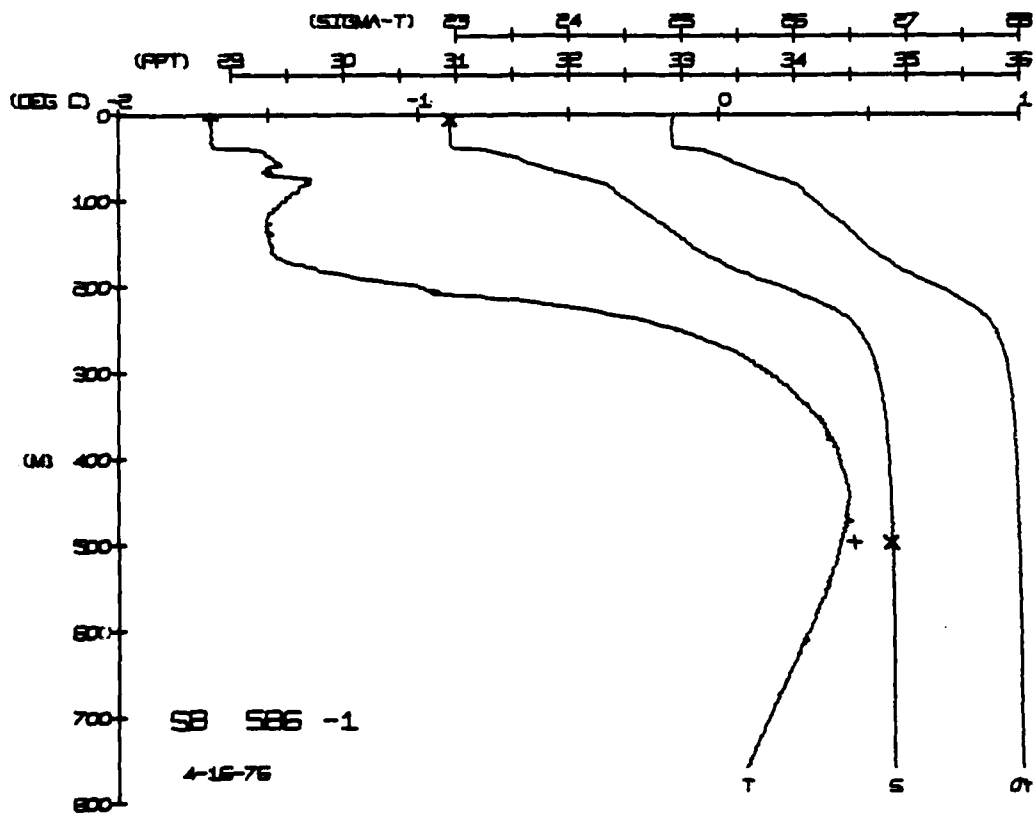
BUT NUM = 1	5.4	-1.70	30.91	BUT NUM = 1	5.0	-1.69	30.92
HUT NUM = 2	93.3	-1.41	32.42	HUT NUM = 2	760.9	0.10	34.88



SNOWBIRD STATION 588(1) STD 16/APR/1976 1800 GMT CODE = 1
LAT = 73.4286N LNG = 145.7278W LTER = 5. LGER = 10.
AIR TEMP = -24.5 BAROM = 1018.0 WIND = 212.8 SPEED = 25.1

[illegible]

	DEPTH	TEMP.	SALIN.
BUT NUM = 1	5.2	-1.70	30.96
RUT NUM = 2	246.4	-0.24	34.56



SSNOWBIRD STATION 592(1) STD 17/APR/1976 1800 GMT CUDE = 1
LAT = 73.4274N LNG = 145.7320W ITER = 0. LGER = 0.
AIR TEMP = -23.5 BARUM = 1021.3 WIND = 212.4 SPEED = 19.5

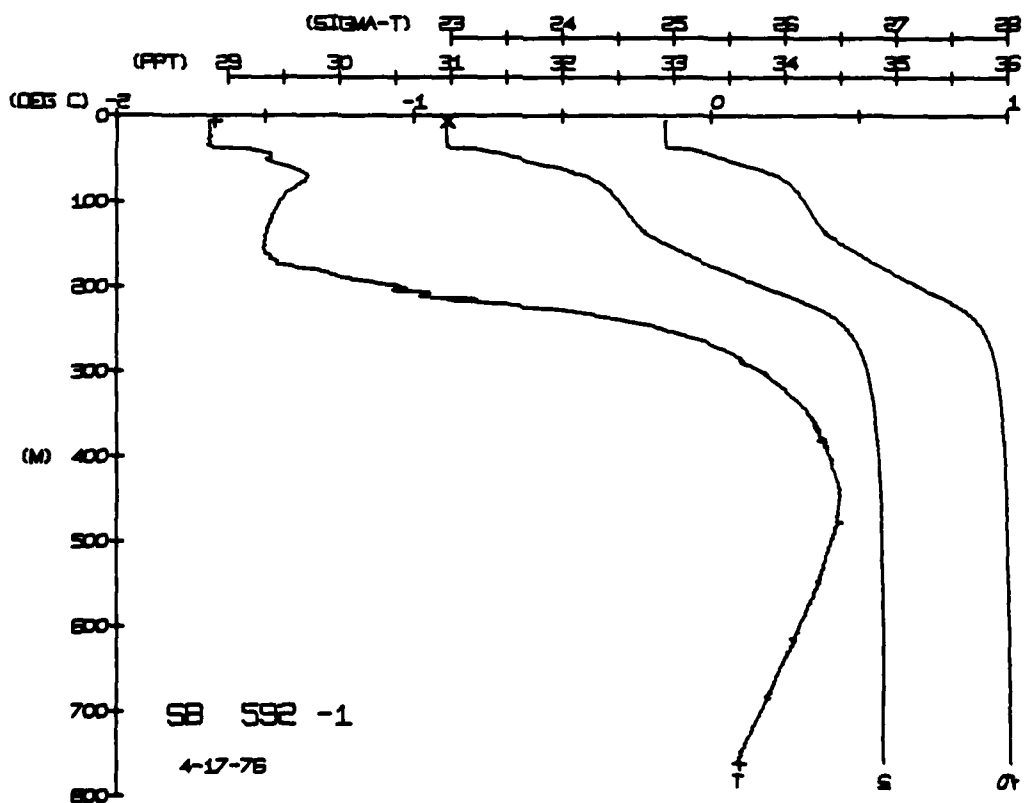
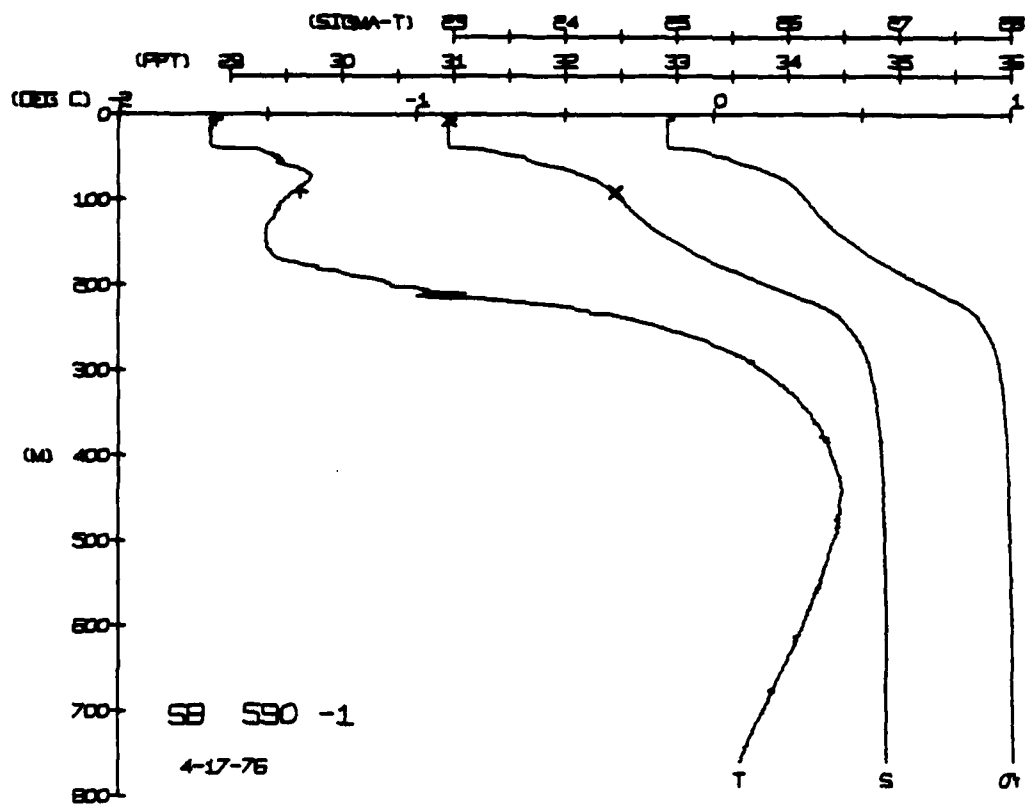
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ROUT	NUM	=	1
ROUT	NUM	=	2

TEMP.	SALIN
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-1.39	32.45

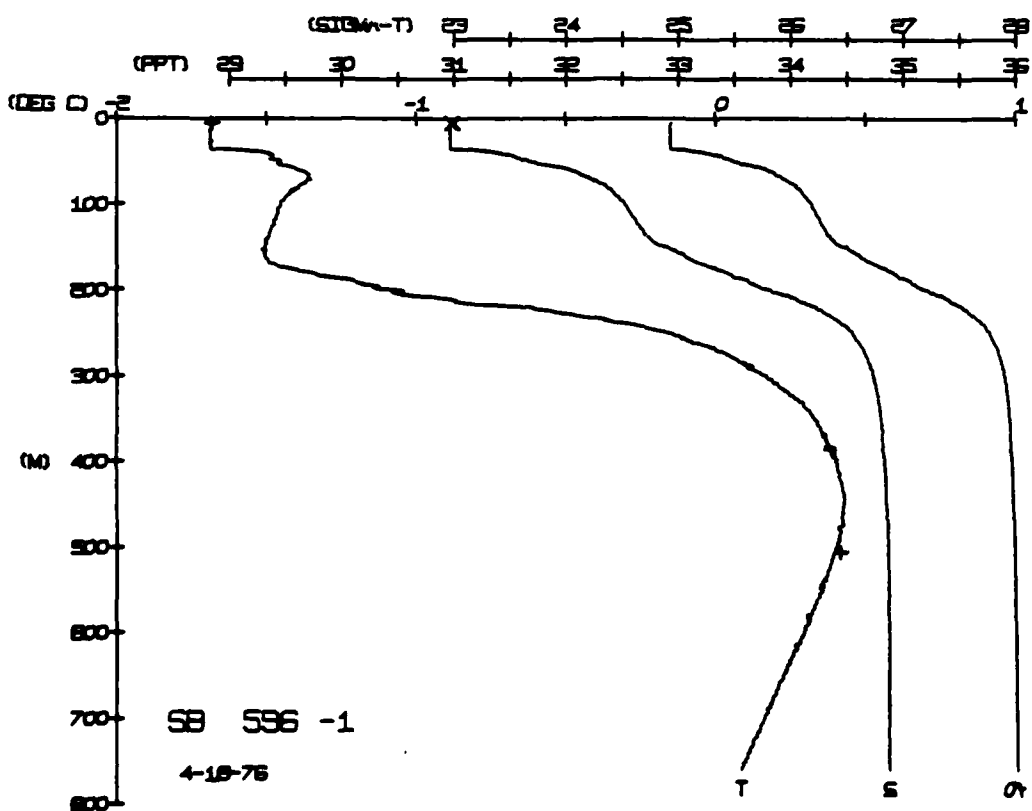
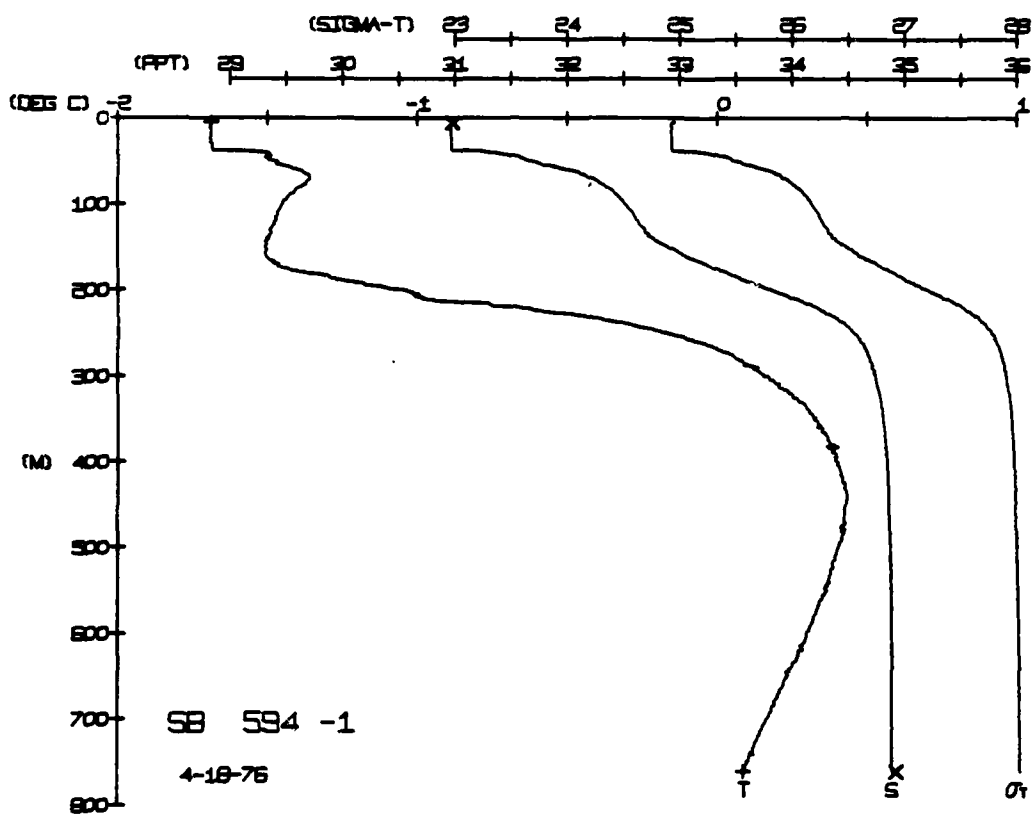
TEMP.	SALIN.
-1.67	30.97
0.10	

DEPTH
5.4
759.0



SNOWBIRD STATION 596(1) STD 18/4PR/1976 550 GMT CODE = 1
LAT = 73.4327N LNG = 145.7111W UTM = 212.4 LGER = 19.5
AIR TEMP = -23.5 BARUM = 1022.1 WIND = 212.4 SPEED = 19.5

DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	DEPTH	TEMP	PTMP	SALIN	SIG T	SPVOL	DYNHT	SOUND	BUT NUM = 1	BUT NUM = 2
0.00	435.7	435.7	0.00	0.00	0.00	0.00	435.7	0.00	435.7	435.7	0.00	0.00	0.00	0.00	435.7	30.98	34.94
0.05	435.5	435.5	0.00	0.00	0.00	0.00	435.5	0.00	435.5	435.5	0.00	0.00	0.00	0.00	435.5	30.98	34.94
0.10	435.3	435.3	0.00	0.00	0.00	0.00	435.3	0.00	435.3	435.3	0.00	0.00	0.00	0.00	435.3	30.98	34.94
0.15	435.1	435.1	0.00	0.00	0.00	0.00	435.1	0.00	435.1	435.1	0.00	0.00	0.00	0.00	435.1	30.98	34.94
0.20	434.9	434.9	0.00	0.00	0.00	0.00	434.9	0.00	434.9	434.9	0.00	0.00	0.00	0.00	434.9	30.98	34.94
0.25	434.7	434.7	0.00	0.00	0.00	0.00	434.7	0.00	434.7	434.7	0.00	0.00	0.00	0.00	434.7	30.98	34.94
0.30	434.5	434.5	0.00	0.00	0.00	0.00	434.5	0.00	434.5	434.5	0.00	0.00	0.00	0.00	434.5	30.98	34.94
0.35	434.3	434.3	0.00	0.00	0.00	0.00	434.3	0.00	434.3	434.3	0.00	0.00	0.00	0.00	434.3	30.98	34.94
0.40	434.1	434.1	0.00	0.00	0.00	0.00	434.1	0.00	434.1	434.1	0.00	0.00	0.00	0.00	434.1	30.98	34.94
0.45	433.9	433.9	0.00	0.00	0.00	0.00	433.9	0.00	433.9	433.9	0.00	0.00	0.00	0.00	433.9	30.98	34.94
0.50	433.7	433.7	0.00	0.00	0.00	0.00	433.7	0.00	433.7	433.7	0.00	0.00	0.00	0.00	433.7	30.98	34.94
0.55	433.5	433.5	0.00	0.00	0.00	0.00	433.5	0.00	433.5	433.5	0.00	0.00	0.00	0.00	433.5	30.98	34.94
0.60	433.3	433.3	0.00	0.00	0.00	0.00	433.3	0.00	433.3	433.3	0.00	0.00	0.00	0.00	433.3	30.98	34.94
0.65	433.1	433.1	0.00	0.00	0.00	0.00	433.1	0.00	433.1	433.1	0.00	0.00	0.00	0.00	433.1	30.98	34.94
0.70	432.9	432.9	0.00	0.00	0.00	0.00	432.9	0.00	432.9	432.9	0.00	0.00	0.00	0.00	432.9	30.98	34.94
0.75	432.7	432.7	0.00	0.00	0.00	0.00	432.7	0.00	432.7	432.7	0.00	0.00	0.00	0.00	432.7	30.98	34.94
0.80	432.5	432.5	0.00	0.00	0.00	0.00	432.5	0.00	432.5	432.5	0.00	0.00	0.00	0.00	432.5	30.98	34.94
0.85	432.3	432.3	0.00	0.00	0.00	0.00	432.3	0.00	432.3	432.3	0.00	0.00	0.00	0.00	432.3	30.98	34.94
0.90	432.1	432.1	0.00	0.00	0.00	0.00	432.1	0.00	432.1	432.1	0.00	0.00	0.00	0.00	432.1	30.98	34.94
0.95	431.9	431.9	0.00	0.00	0.00	0.00	431.9	0.00	431.9	431.9	0.00	0.00	0.00	0.00	431.9	30.98	34.94
1.00	431.7	431.7	0.00	0.00	0.00	0.00	431.7	0.00	431.7	431.7	0.00	0.00	0.00	0.00	431.7	30.98	34.94
1.05	431.5	431.5	0.00	0.00	0.00	0.00	431.5	0.00	431.5	431.5	0.00	0.00	0.00	0.00	431.5	30.98	34.94
1.10	431.3	431.3	0.00	0.00	0.00	0.00	431.3	0.00	431.3	431.3	0.00	0.00	0.00	0.00	431.3	30.98	34.94
1.15	431.1	431.1	0.00	0.00	0.00	0.00	431.1	0.00	431.1	431.1	0.00	0.00	0.00	0.00	431.1	30.98	34.94
1.20	430.9	430.9	0.00	0.00	0.00	0.00	430.9	0.00	430.9	430.9	0.00	0.00	0.00	0.00	430.9	30.98	34.94
1.25	430.7	430.7	0.00	0.00	0.00	0.00	430.7	0.00	430.7	430.7	0.00	0.00	0.00	0.00	430.7	30.98	34.94
1.30	430.5	430.5	0.00	0.00	0.00	0.00	430.5	0.00	430.5	430.5	0.00	0.00	0.00	0.00	430.5	30.98	34.94
1.35	430.3	430.3	0.00	0.00	0.00	0.00	430.3	0.00	430.3	430.3	0.00	0.00	0.00	0.00	430.3	30.98	34.94
1.40	430.1	430.1	0.00	0.00	0.00	0.00	430.1	0.00	430.1	430.1	0.00	0.00	0.00	0.00	430.1	30.98	34.94
1.45	429.9	429.9	0.00	0.00	0.00	0.00	429.9	0.00	429.9	429.9	0.00	0.00	0.00	0.00	429.9	30.98	34.94
1.50	429.7	429.7	0.00	0.00	0.00	0.00	429.7	0.00	429.7	429.7	0.00	0.00	0.00	0.00	429.7	30.98	34.94
1.55	429.5	429.5	0.00	0.00	0.00	0.00	429.5	0.00	429.5	429.5	0.00	0.00	0.00	0.00	429.5	30.98	34.94
1.60	429.3	429.3	0.00	0.00	0.00	0.00	429.3	0.00	429.3	429.3	0.00	0.00	0.00	0.00	429.3	30.98	34.94
1.65	429.1	429.1	0.00	0.00	0.00	0.00	429.1	0.00	429.1	429.1	0.00	0.00	0.00	0.00	429.1	30.98	34.94
1.70	428.9	428.9	0.00	0.00	0.00	0.00	428.9	0.00	428.9	428.9	0.00	0.00	0.00	0.00	428.9	30.98	34.94
1.75	428.7	428.7	0.00	0.00	0.00	0.00	428.7	0.00	428.7	428.7	0.00	0.00	0.00	0.00	428.7	30.98	34.94
1.80	428.5	428.5	0.00	0.00	0.00	0.00	428.5	0.00	428.5	428.5	0.00	0.00	0.00	0.00	428.5	30.98	34.94
1.85	428.3	428.3	0.00	0.00	0.00	0.00	428.3	0.00	428.3	428.3	0.00	0.00	0.00	0.00	428.3	30.98	34.94
1.90	428.1	428.1	0.00	0.00	0.00	0.00	428.1	0.00	428.1	428.1	0.00	0.00	0.00	0.00	428.1	30.98	34.94
1.95	427.9	427.9	0.00	0.00	0.00	0.00	427.9	0.00	427.9	427.9	0.00	0.00	0.00	0.00	427.9	30.98	34.94
2.00	427.7	427.7	0.00	0.00	0.00	0.00	427.7	0.00	427.7	427.7	0.00	0.00	0.00	0.00	427.7	30.98	34.94
2.05	427.5	427.5	0.00	0.00	0.00	0.00	427.5	0.00	427.5	427.5	0.00	0.00	0.00	0.00	427.5	30.98	34.94
2.10	427.3	427.3	0.00	0.00	0.00	0.00	427.3	0.00	427.3	427.3	0.00	0.00	0.00	0.00	427.3	30.98	34.94
2.15	427.1	427.1	0.00	0.00	0.00	0.00	427.1	0.00	427.1	427.1	0.00	0.00	0.00	0.00	427.1	30.98	34.94
2.20	426.9	426.9	0.00	0.00	0.00	0.00	426.9	0.00	426.9	426.9	0.00	0.00	0.00	0.00	426.9	30.98	34.94
2.25	426.7	426.7	0.00	0.00	0.00	0.00	426.7	0.00	426.7	426.7	0.00	0.00	0.00	0.00	426.7	30.98	34.94
2.30	426.5	426.5	0.00	0.00	0.00	0.00	426.5	0.00	426.5	426.5	0.00	0.00	0.00	0.00	426.5	30.98	34.94
2.35	426.3	426.3	0.00	0.00	0.00	0.00	426.3	0.00	426.3	426.3	0.00	0.00	0.00	0.00	426.3	30.98	34.94
2.40	426.1	426.1	0.00	0.00	0.00	0.00	426.1	0.00	426.1	426.1	0.00	0.00	0.00	0.00	426.1	30.98	34.94
2.45	425.9	425.9	0.00	0.00	0.00	0.00	425.9	0.00	425.9	425.9	0.00	0.00	0.00	0.00	425.9	30.98	34.94
2.50	425.7	425.7	0.00	0.00	0.00	0.00	425.7	0.00	425.7	425.7	0.00	0.00	0.00	0.00	425.7	30.98	34.94
2.55	425.5	425.5	0.00	0.00	0.00	0.00	425.5	0.00	425.5	425.5	0.00	0.00	0.00	0.00	425.5	30.98	34.94
2.60	425.3	425.3	0.00	0.00	0.00	0.00	425.3	0.00	425.3	425.3	0.00	0.00	0.00	0.00	425.3	30.98	34.94
2.65	425.1	425.1	0.00	0.00	0.00	0.00	425.1	0.00	425.1	425.1	0.00	0.00	0.00	0.00	425.1	30.98	34.94
2.70	424.9	424.9	0.00	0.00	0.00	0.00	424.9	0.00	424.9	424.9	0.00	0.00	0.00	0.00	424.9	30.98	34.94
2.75	424.7	424.7	0.00	0.00	0.00	0.00	424.7	0.00	424.7	424.7	0.00	0.00	0.00	0.00	424.7	30.98	34.94
2.80	424.5	424.5	0.00	0.00	0.00	0.00	424.5	0.00	424.5	424.5	0.00	0.00	0.00	0.00	424.5	30.98	34.94
2.85	424.3	424.3	0.00	0.00	0.00	0.00	424.3	0.00	424.3	424.3	0.00	0.00	0.00	0.00	424.3	30.98	34.94
2.90	424.1	424.1	0.00	0.00	0.00	0.00	424.1	0.00	424.1	424.1	0.00	0.00	0.00	0.00	424.1	30.98	34.94
2.95	423.9	423.9	0.00	0.00	0.00	0.00	423.9	0.00	423.9	423.9	0.00	0.00	0.00	0.00	423.9	30.98	34.94
3.00	423.7	423.7	0.00	0.00	0.00	0.00	423.7	0.00	423.7	423.7	0.00	0.00	0.00	0.00	423.7	30.98	34.94
3.05	423.5	423.5	0.00	0.00	0.00	0.00	423.5	0.00	423.5	423.5	0.00	0.00	0.00	0.00	423.5	30.98	34.94
3.10	423.3	423.3	0.00	0.00	0.00	0.00	423.3	0.00	423.3	423.3	0.00	0.00	0.00	0.00	423.3	30.98	34.94
3.15	423.1	423.1	0.00	0.00	0.00	0.00	423.1	0.00	423.1	423.1	0.00	0.00	0.00	0.00	423.1	30.98	34.94
3.20	422.9	422.9	0.00	0.00	0.00	0.00	422.9	0.00	422.9	422.9	0.00	0.00	0.00	0.00	422.9	30.98	34.94
3.25	422.7	422.7	0.00	0.00	0.00	0.00	422.7	0.00	422.7	422.7	0.00	0.00	0.00	0.00	422.7	30.98	34.94
3.30	422.5	422.5	0.00	0.00	0.00	0.00	422.5	0.00	422.5	422.5	0.00	0.00	0.00	0.00	422.5	30.98	34.94
3.35	422.3	422.3	0.00	0.00	0.00	0.00	422.3	0.00	422.3	422.3	0.00	0.00	0.00	0.00	422.3	30.98	34.94
3.40	422.1	422.1	0.00	0.00	0.00	0.00	422.1	0.00	422.1	422.1	0.00	0.00	0.00	0.00	422.1	30.98	34.94
3.45	421.9	421.9	0.00	0.00	0.00	0.00	421.9</										

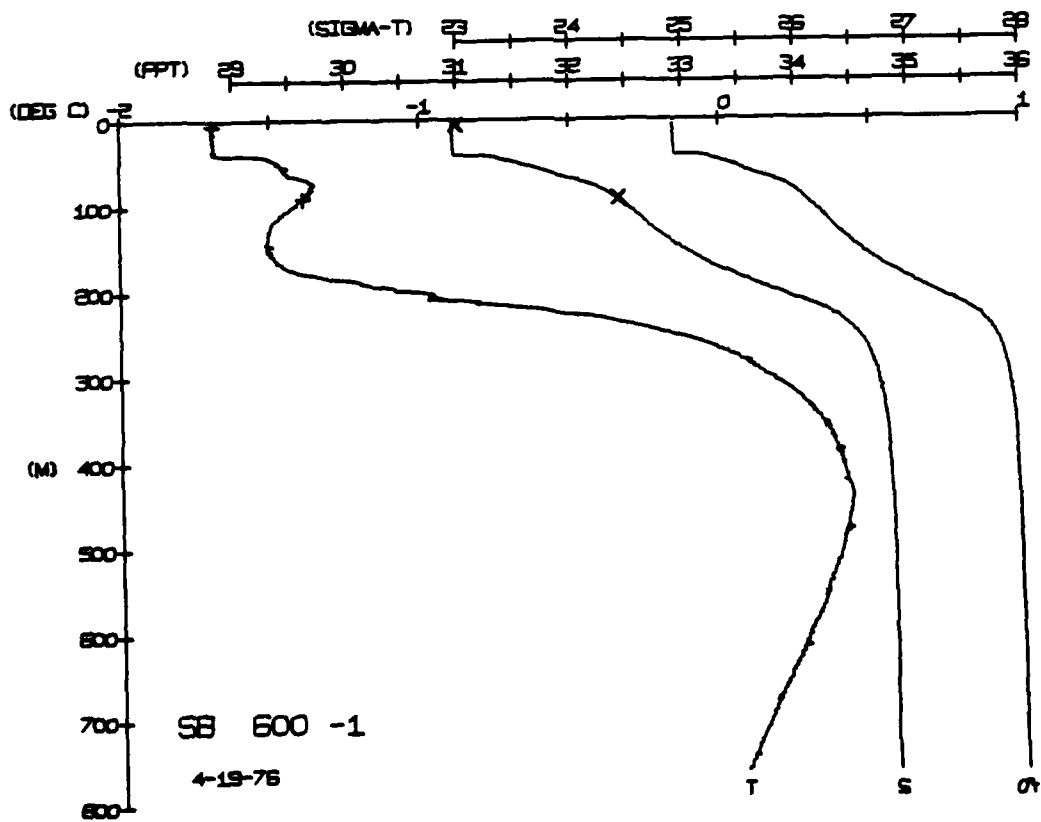
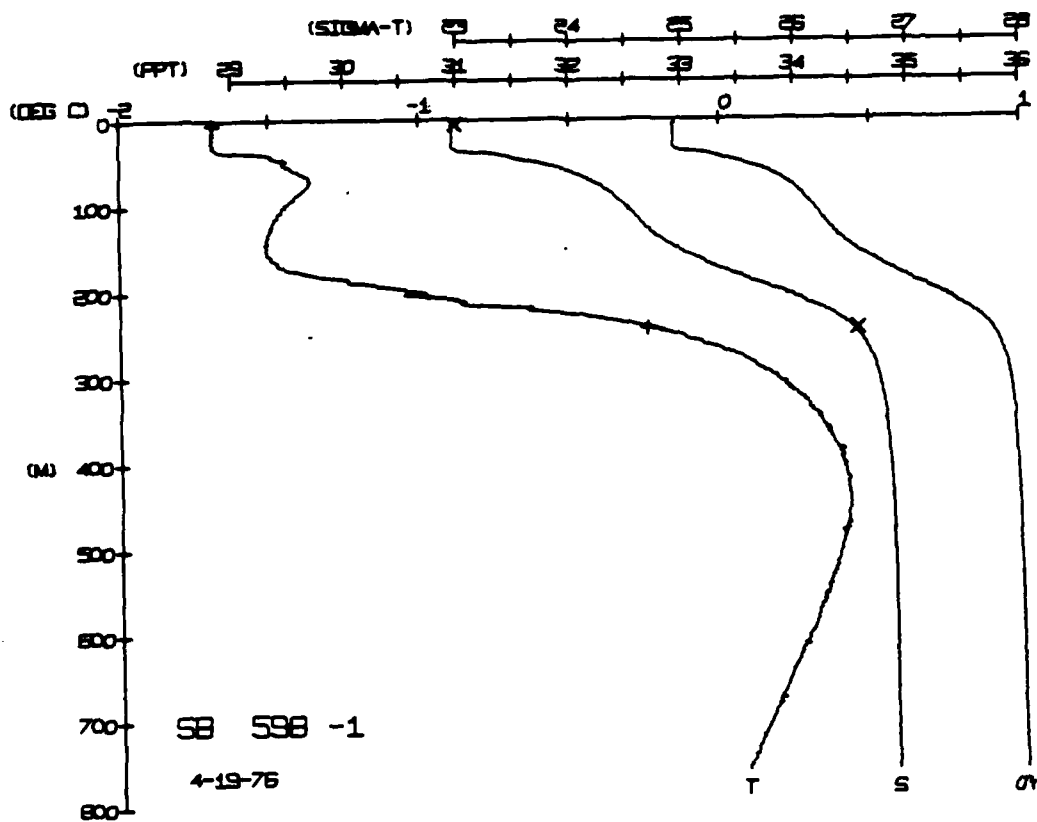


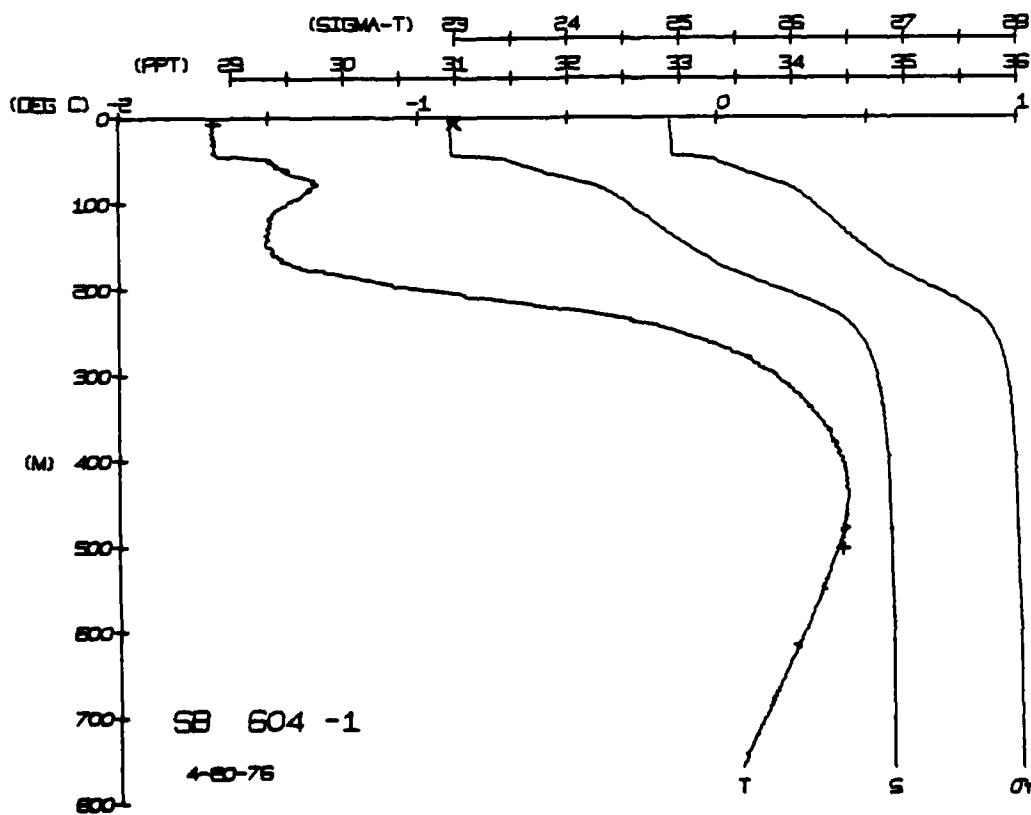
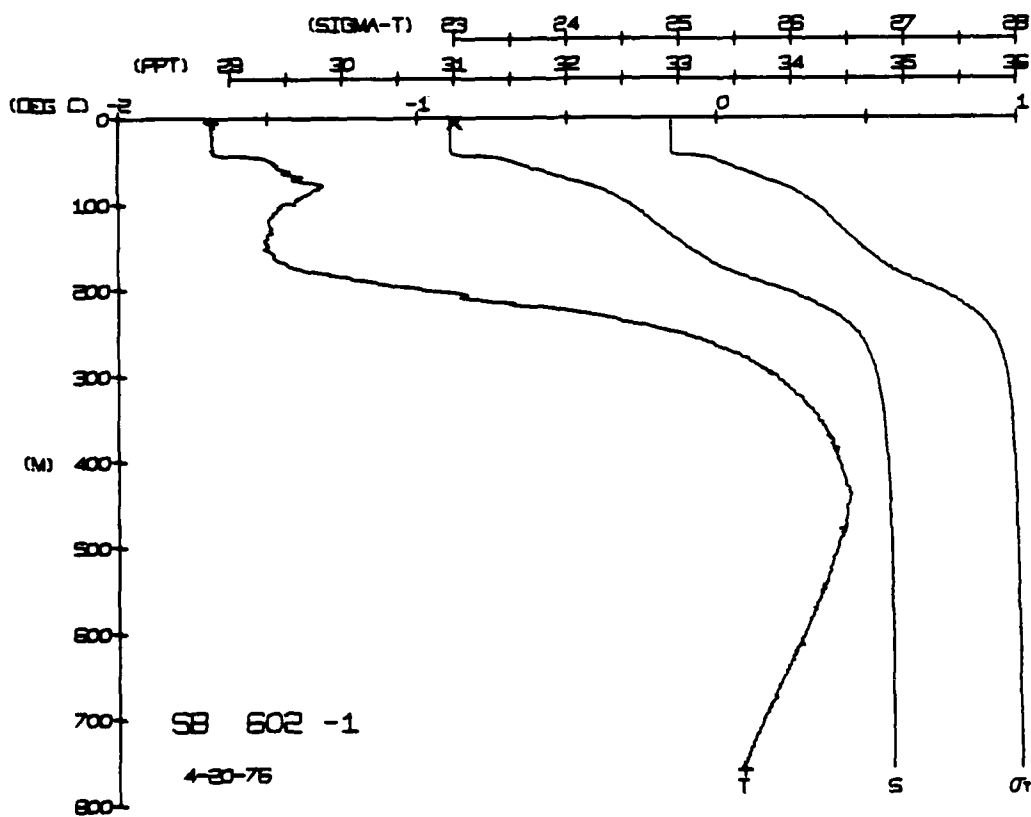

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SNOWBIRD STATION 600(1) STD 19/APR/1976 1800 GMT CODE = 1
LNG = 73.4151N LGT = 145.0909W LTER = 1. LGFR = 2.
AIR TEMP = -22.2 HARUM = 1022.1 WIND = 26.3 SPEED = 39.5

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number) AIDJEX, Arctic Ocean, mesoscale eddies, mixed layer, Beaufort Sea, step structure, supercooled water, STD measurements		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) A total of 1391 STD (CTD) stations were taken from four manned drifting ice camps in the Arctic Ocean during the Arctic Ice Dynamics Joint Experiment (AIDJEX) from April 1975 to April 1976. Profiles were taken at least one a day from the surface to 750 m at all camps and weekly casts to 3000 meters were taken at the main camp. Between casts all stations ran time series by hold- ing the sensor at a fixed depth within the pycnocline; however,		

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these data are not discussed. Plessey Model 9040 STD units were used at all camps and data were simultaneously recorded digitally on magnetic tape and graphically on analog charts.

The profile data from the digital tapes were smoothed using a running average. The differing response times of the temperature and salinity sensors were corrected for thermal lag by varying a lag correction until one value gave nearly congruent traces on a T-S diagram for the descending and ascending parts of the cast. A salinity drift which occurred when the sensors were stopped for bottle sampling was also taken into account during data reduction.

Whenever the digital data logging (DDL) system failed to work properly, manually digitized analog traces provided data backup. These profiles, however, are not considered to be as accurate as those processed from tape.

Static calibration of the temperature, salinity, and depth sensors was provided by bottle and reversing thermometer data. Least squares, best-fit polynomials, whose dependent parameters were temperature (T) and depth (D), converted the observed data to final data. Preliminary data analysis has revealed unique features of the temperature and salinity structure in the Beaufort Sea. One of these features is a wintertime upper mixed layer between 25 and 60 m produced by brine convection beneath the freezing ice sheet. This layer changes from neutral to stable stratification in the summer when fresh water from melting snow and ice flows beneath the ice. Another feature is the step structure in both temperature and salinity at depths between 250 and 400 m. Individual steps are about 3 m in height. In this part of the Arctic Ocean there are mesoscale baroclinic eddies with unique temperature and salinity, as well as velocity signatures. These eddies are mostly found within the range of 50 to 400 meters. Deeper anomalies are observed to a depth of 700 meters, but because of the depth limitation of the STD, little is known about their lower structure.

This report pertains to the STD (CTD) data taken at the manned Camp Snowbird. The STD data associated with the other three manned camps are in separate volumes (Bauer, et al, 1980). Profiling current meter (PCM) data to a maximum depth of 200 meters were taken concurrently at the four camps and are separately reported by Manley et al, 1980.

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